Service Manual

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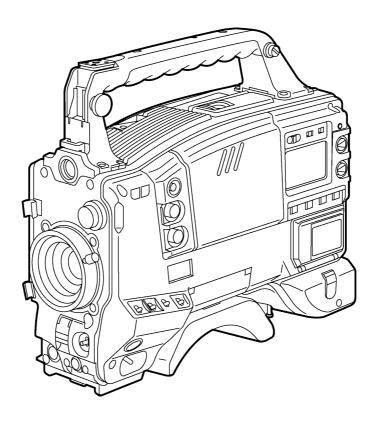
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Camera/VTR

AJ-HDC20AMC



Panasonic®

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This service information is designed for experienced repair technicians only and is not designed for use by the general public. It does not contain warnings or cautions to advise non-technical individuals of potential dangers in attempting to service a product. Products powered by electricity should be serviced or repaired only by experienced professional technicians. Any attempt to service or repair the product or products dealt with in this service information by anyone else could result in serious injury or death.

规格

[一般]

所需电源:

DC 12 V (DC 11 V-DC 17 V)

功耗:

39 W (最大)

32 W (SAVE REC 模式期间)

□□□□ 显示安全信息。

环境工作温度:

0°C 到 +40°C

存放温度:

-20°C 到 +60°C

环境工作湿度:

低于85% (相对湿度)

连续工作时间:

约62 分钟

(当使用14/40W Anton/Bauer Trim 电池板时)

重量:

4.3 kg (仅主机)

约7 kg

(包括主机、寻像器、镜头、电池板、磁带和麦克风)

尺寸(宽×高×深)(不包括把手):

132 × 204 × 313 mm

[摄像机单元]

摄像装置:

2/3 英寸芯片FIT型CCD (2,200,000 像素)

系统:

RGB 3-CCD 系统

总像素数:

2010 (水平) × 1086 (垂直)

有效像素数:

1920 (水平) × 1080 (垂直)

光学系统:

F/1.4 棱镜系统

内置滤光镜:

CC 滤光镜:

A: CROSS, B: 3200K, C: 4300K, D: 6300K

ND 滤光镜:

1: CLEAR, 2: 1/4ND, 3: 1/16ND, 4: 1/64ND

量化:

10位,非线性

抽样频率:

74.25 MHz

数字信号处理:

74.25 MHz

水平驱动频率:

74.25 MHz

可编程增益:

3个位置(低、中和高)。

可从-3/0/3/6/9/12/15/18/21/24/27/30 dB/中选择

超级增益:

可选18/21/24/27/30 dB

快门速度:

预设:

1/60, 1/120, 1/250, 1/500, 1/1000, 1/2000 秒

同步扫描:

1/25.3 到 1/49.9 秒, 1/50 到 1/250.2 秒

镜头座:

2/3 英寸卡口型

灵敏度:

F/8 (2000 勒克斯, 89.9% 反射率)

被摄对象最低亮度:

2 勒克斯 (在F/1.4, +30 dB)

视频信噪比:

54 dB (标准)

水平分辨率:

大于1000 电视行数(在中心)

登录:

小于0.03%(全区域)(镜头除外)

[录像机单元]

视频系统

抽样频率:

Y:74 MHz PB/PR:37 MHz

量化: 8位

视频压缩系统:

DCT+ 可变长码

视频压缩比:

1/6.7

出错校正:

Reed-Solomon 产品码

视频录制比特率:

100 Mbps

视频带:

Y: 22.5 MHz PB/PR: 11.25 MHz

有效抽样数:

Y: 1440×1080 PB/PR: 720×1080

录像机音频系统

(在标准播放机上播放期间)

抽样频率:

48 kHz (和视频同步)

量化:

16 位

频率响应:

20 Hz 到 20 kHz ± 1.0 dB (在基准电平)

动态范围:

大于85 dB (在1 kHz, AWTD)

失真:

小于0.1%(在1kHz,基准电平)

抖晃:

可测限度以下

峰值储备:

18 dB

录像机磁带运行系统

使用的磁带:

1/4 英寸DVCPRO L-尺寸盒式磁带

带速:

135.4154 mm/s

录制播放时间:

46 分钟 (使用AJ-HP46LP) 32 分钟 (使用AJ-HP32LP)

快进/倒带时间:

约 分钟(使用AJ-HP46LP)

[接口部分]

输入

AUDIO IN CH1/CH2 (XLR×2, 3芯凹)

LINE/MIC/MIC+48V 切换类型

LINE : 0 dBu MIC : -60 dBu

MIC+48V: 仿真+48 V, -60 dBu

MIC IN (XLR, 3芯凹)

-40 dBu (使用内部开关可切换到-50 dBu)

支持仿真+48 V

GENLOCK IN (BNC):

与SMPTE274M标准(模拟同步)兼容

TC IN (BNC):

0.5V-8 V [p-p], 高阻抗

输出

HD SDI OUT (BNC $\times 2$):

0.8 V [p-p], 带开关功能

AUDIO OUT (XLR, 5芯凸)

0 dBu

TC OUT (BNC):

2.0 V [p-p],低阻抗

PHONES:

立体声小型插孔

其它

DC IN (XLR, 4芯凸):

DC 12 V (DC 11 V-17 V)

DC OUT (4芯):

DC 12 V (DC 11 V-17 V), 0.1 A (最大)

LENS (12芯)

ECU (6芯)

EVF (20 芯)

[寻像器]

(选购附件: AJ-HVF20)

CR:

2 英寸高分辨率单色管

视频系统:

1080i/50.0 Hz

外部调节控制钮:

控制钮:

BRIGHT, CONTRAST, PEAKING

开关:

TALLY HIGH/OFF/LOW, ZEBRA ON/OFF

[附件]

- 肩带 (×1)
- 用于支持Sony 电池板的电池端子 (包括螺钉)

[相关零部件]

与电源有关

电池板:

AU-BP402

电池充电器:

AG-B425 (对AU-BP402 电池板充电)

电池盒:

AU-M402H

交流适配器:

AJ-B75

寻像器

2.0 英寸寻像器:

AJ-HVF20

与外部录像机有关

扩展控制单元:

AJ-EC3

音频组件

麦克风组件:

AJ-MC700P

麦克风支架:

AJ-MH700P

无线麦克风接收器:

WX-RJ700

摄像机固定件:

WX-ZJ770

维护用品

清洁盒式磁带:

AJ-CL12LP

便携式软包:

AJ-SC900

SHAN-RC700

防雨罩:

所示的重量和尺寸为近视值。 规格如有修改, 恕不另行通知。

SAFETY PRECAUTIONS

GENERAL GUIDELINES

- 1. When servicing, observe the original lead dress. If a short circuit is found, replace all parts which have been over-heated or damaged by the short circuit.
- After servicing, see to it that all the protective devices such as insulation barriers, insulation papers shields are properly installed.
- After servicing, make the following leakage current checks to prevent the customer from being exposed to shock hazards.

LEAKAGE CURRENT COLD CHECK

- Unplug the AC cord and connect a jumper between the two prongs on the plug.
- 2. Measure the resistance value, with an ohm meter, between the jumpered AC plug and each exposed metallic cabinet part on the equipment such as screwheads, connectors, control shafts, etc. The resistance value must be more than $5M\Omega$.

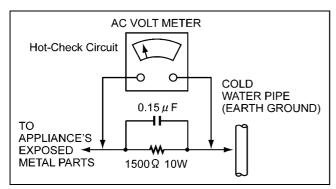


Figure1

LEAKAGE CURRENT HOT CHECK (See Figure 1)

- Plug the AC cord directly into the AC outlet.
 Do not use an isolation transformer for this check.
- 2. Connect a $1.5 \mathrm{K}\Omega$, 10W resistor, in parallel with a 0.15μ F capacitor, between each exposed metallic part on the set an a good earth ground such as a water pipe, as shown in Figure 1.
- 3. Use an AC voltmeter, with 1000 ohms/volt or more sensitivity, to measure the potential across the resistor.
- 4. Check each exposed metallic part, and measure the voltage at each point.
- Reverse the AC plug in the AC outlet repeat each of the above measurements.
- 6. The potential at any point should not exceed 0.15 volts RMS. A leakage current tester (Simpson Model 229 equivalent) may be used to make the hot checks, leakage current must not exceed 0.1 milliamp. In case a measurement is outside of the limits specified, there is a possibility of a shock hazard, and the equipment should be repaired and rechecked before it is returned to the customer.

ELECTROSTATICALLY SENSITIVE (ES) DEVICES

Some semiconductor (solid state) devices can be damaged easily by static electricity. Such components commonly are called Electrostatically sensitive (ED) Devices. Examples of typical ES devices are integrated circuits and some field-effect transistors and semiconductor "chip" components. The following techniques should be used to help reduce the incidence of component damage caused by static electricity.

- Immediately before handling any semiconductor component or semiconductor-equipped assembly, drain off any electrostatic charge on your body by touching a known earth ground.
 - Alternatively, obtain and wear a commercially available discharging wrist trap device, which should be removed for potential shock reasons prior to applying power to the unit under test.
- After removing an electrical assembly equipped with ES devices, place the assembly on a conductive surface such as alminum foil, to prevent electrostatic charge buildup or exposure of the assembly.
- Use only a grounded tip soldering iron to solder or unsolder ES devices.
- Use only an anti-static solder removal device classified as "anti-static" can generate electrical charges sufficient to damage ES devices.
- Do not use freon-propelled chemicals. These can generate electrical charges sufficient to damage ES devices.
- Do not remove a replacement ES device from its protective package until immediately before you are ready to install it.
 - (most replacement ES devices are package with leads electrically shorted together by conductive foam, alminum foil or comparable conductive material).
- Immediately before removing the protective material from the leads of a replacement ES device, touch the protective material to the chassis or circuit assembly into which the device will be installed.
 - CAUTION: Be sure no power is applied to the chassis or circuit, and observe all other safety precautions.
- 8. Minimize bodily motions when handling unpackaged replacement ES devices. (Otherwise hamless motion such as the brushing together of your clothes fabric or the lifting of your foot from a carpeted floor can generate static electricity sufficient to damage an ES device).

X-RADIATION

WARNING

- 1. The potential source of X-radiation in EVF sets is the High Voltage section and the picture tube.
- When using a picture tube test jig for service, ensure that jig is capable of handling 10kV without causing X-Radiation.

Note: It is important to use an accurate periodically calibrated high voltage meter.

3. Measure the High Voltage. The meter (electric type) reading should indicate 2.5kV,±0.15kV. If the meter indication is out of tolerance, immediate service and correction is required to prevent the possibility of premature component failure. To prevent an X-Radiation possibility, it is essential to use the specified picture tube.

■ 不要开启面板盖。

为了减少电击的危险,不要打开面板盖。里面没有用户能维修的部件。

有关维修问题,请与合格的维修人员联系。

警告:

为减少火患或电击的危险,本设备应避开一切使用 液体的场合,并只能存放在没有滴液或溅液危险的 地方,也不要在本设备顶端放置任何液体容器。

注意事项:

为了减少起火或电击的危险以及烦人的干扰,请只 使用推荐的附件。

锂电池

警告

本机内的锂电池只能由合格的人员更换。必要时,请与当地的Panasonic 产品供应商联系。

"锂电池是一关键元件(型号为CR2032或BR2032,由Panasonic 公司制造。)

锂电池不能承受过热或过量放电。因此,它只适合于 为特定用途而设计的设备。

更换的电池必须是同一型号和同一生产厂家的产品。 它们必须以与原电池同样的方式和同样的位置安放, 并且极性连接要正确。

不要尝试给旧电池重新充电,或将旧电池重新用于其他用途。它必须送废品填埋场处理,而不是焚化。"

注意事项

如果不正确地更换电池,会有爆炸的危险。 只能用同样的产品或设备制造商推荐的同类产品更 换。请按制造商的规定丢弃用过的电池。

■ 显示安全信息。

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SECTION 1

SERVICE INFORMATION

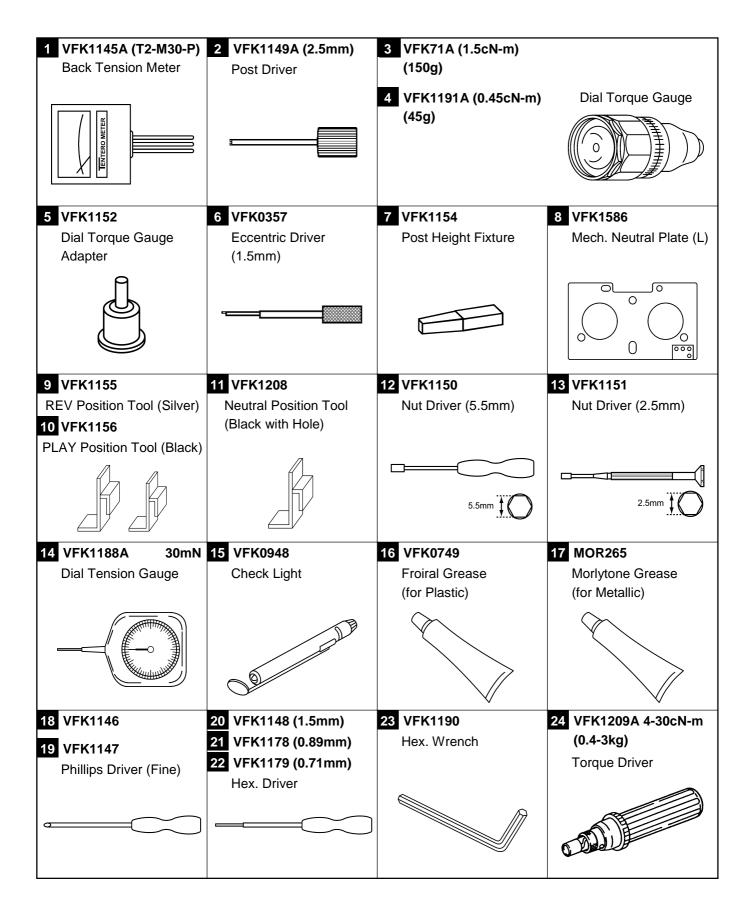
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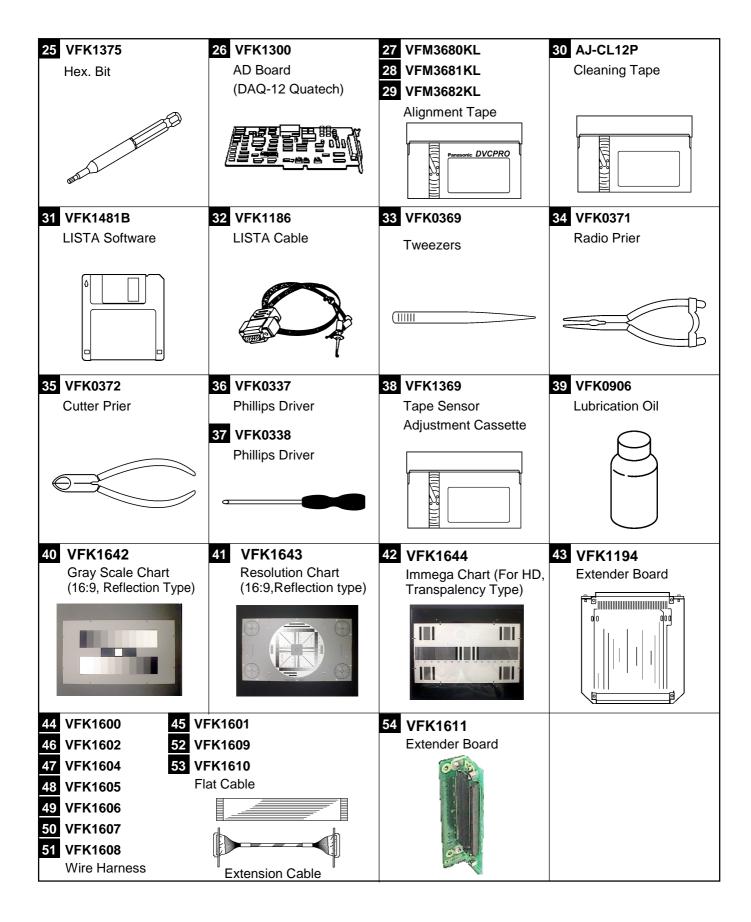
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1. Servicing Fixtures & Tools

No.	Part No.	Fixture & Tool Name	Remarks
1	VFK1145A	Back Tension Meter (T2-M30-P)	
2	VFK1149A	Post Driver (2.5mm)	
3	VFK71A	Dial Torque Gauge (1.5cN-m)	150g
4	VFK1191A	Dial Torque Gauge (0.45cN-m)	45g
5	VFK1152	Dial Torque Gauge Adapter	
6	VFK0357	Eccentric Driver (1.5mm)	
7	VFK1154	Post Height Fixture	
8	VFK1586	Mech. Neutral Plate (L)	For Post Height
9	VFK1155	REV Position Tool (Silver)	
10	VFK1156	PLAY Position Tool (Black)	
11	VFK1208	Neutral Position Tool (Black with Hole)	
12	VFK1150	Nut Driver (5.5mm)	
13	VFK1151	Nut Driver (2.5mm)	
14	VFK1188A	Dial Tension Gauge (30mN)	30g
15	VFK0948	Check Light	
16	VFK0749	Froiral Grease	For Plastic
17	MOR265	Morlytone Grease	For Metallic
18	VFK1146	Phillips Driver (Fine) (00-75)	
19	VFK1147	Phillips Driver (Fine) (0-100)	
20	VFK1148	Hex. Driver (1.5mm)	
21	VFK1178	Hex. Driver (0.89mm)	
22	VFK1179	Hex. Driver (0.71mm)	
23	VFK1190	Hex. Wrench	
24	VFK1209A	Torque Driver (4-30cN-m)	0.4-3kg
25	VFK1375	Hex. Bit (1.5mm)	
26	VFK1300	AD Board (DAQ-12 Quatech)	
27	VFM3680KL	Alignment Tape (No.1)	L-Cassette
28	VFM3681KL	Alignment Tape (No.2)	L-Cassette
29	VFM3682KL	Alignment Tape (No.3)	L-Cassette
30	AJ-CL12P	Cleaning Tape	SALES Route
31	VFK1481B	LISTA Software	
32	VFK1186	LISTA Cable	
33	VFK0369	Tweezers	
34	VFK0371	Radio Prier	
35	VFK0372	Cutter Prier	
36	VFK0337	Phillips Driver	
37	VFK0338	Phillips Driver	
38	VFK1369	Tape Sensor Adjustment Cassette Lubrication Oil	
39 40	VFK0906 VFK1642	Gray Scale Chart (Reflection type)	16:9
41	VFK1642	Resolution Chart (Reflection type)	16:9, For HD
42	VFK1644		
43	VFK1044 VFK1194	Immega Cycle Chart (Transparency type) Extender Board	16:9, For HD Pre Process, CAM Syscon, Video Out
44	VFK1194 VFK1600	Extension Cable (Wire Harness)	PRE AMP(P1)-CCD PULSE(P5)
45	VFK1601	Extension Cable (Ville Harriess)	CCD PULSE(P7)-CCD SENSOR(P2)
46	VFK1602	Extension Cable (Wire Harness)	CCD SENSOR(P1)-DRIVE(P3)
47	VFK1602	Extension Cable (Wire Harness)	CAM MOTHR(P10,16)-DSP3(P100,300)
48	VFK1605	Extension Cable (Wire Harness)	RF EQ(P1)-VIDEO MAIN(P500)
49	VFK1606	Extension Cable (Wire Harness)	HD SDI TX(J6)-VIDEO MAIN(P70)
50	VFK1607	Extension Cable (Wire Harness)	VTR SYSCON(P6700)-VIDEO MAIN(P501)
51	VFK1608	Extension Cable (Wire Harness)	POWER MAIN(P1002)-POWER SUB(P1301)
52	VFK1609	Extension Cable (Flat Cable)	RF EQ(P3)-H BUFF(P3)
53	VFK1610	Extension Cable (Flat Cable)	RF EQ(P4)-H BUFF(P4)
54	VFK1611	Extender Board	DSP3
<u> </u>		511451 55414	1



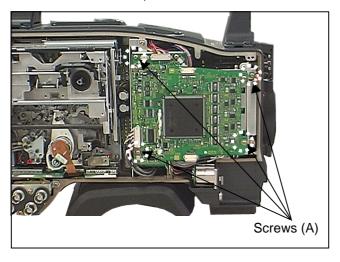


1-1. How to use VFK1604 and VFK1611

When servicing the soldering side of DSP3 P.C.Board, VFK1604 and VFK1611 are needed. How to use VFK1604 and VFK1611 are shown below.

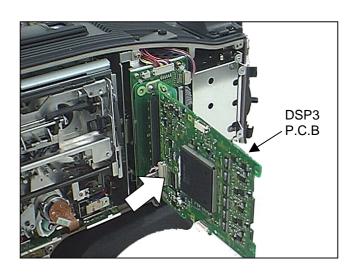
1. Removal of DSP3 P.C.Board

- 1. Remove 4 Screws (A).
- 2. Disconnect DSP3 P.C.Board and then disconnect connectors P100, P300.



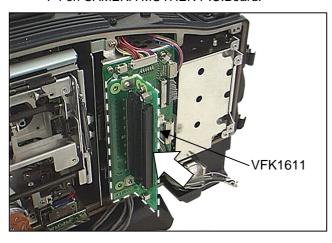
3. Connection of DSP3 P.C.Board

1. Connect connector P500 on DSP3 P.C.Board to connector P8 on VFK1611.



2. Connection of VFK1611

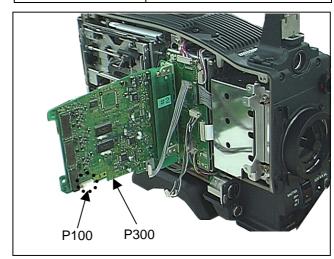
 Connect Connector P5 on VFK1611 to Connector P4 on CAMERA MOTHER P.C.Board.



4. Connection of VFK1604

Connect following connectors between DSP3
 P.C.Board and CAMERA MOTHER P.C.Board by VFK1604 (2x).

	DSP3 P.C.Board			CAMERA MOTHER P.C.Board		
	P300	+		P16		
Γ	P100	+		P10		



2. Alignment Tape

2-1. DVCPRO Alignment Tape

2-1-1. VFM3680KL

Time	VID	EO	PC	CM	CUE	
(min.)	SIGNAL	PORPOSE	SIGNAL	PORPOSE	SIGNAL	PORPOSE
0:00	Color Bar SMPTE (75%)	Confirmation of the Composite Video Level			1KHz 0VU	Confirmation of
7:00	Color Bar (100%)	Confirmation of the Composite Video Level	1KHz -20dB	Confirmation of the Audio		the CUE Level
14:00	H Sweep	Frequency Characteristic		Level	6KHz 0VU	A/C Head
18:00	Bowtie (500K)	Y/C Timing				Azimuth Adjustment
22:00	Pulse & Bar	Y/C Timing			300, 500, 1K 2K, 4K, 6KHz	Frequency Characteristic
26:00	Area Marker	Video Start Timing				

2-1-2. VFM3681KL

Time	VID	EO	PC	CM	CUE	
(min.)	SIGNAL	PORPOSE	SIGNAL	PORPOSE	SIGNAL	PORPOSE
0:00	ITI Pattern	Linearity				
		Adjustment				

2-1-3. VFM3682KL

Time	VID	EO	PC	CM	CUE		
(min.)	SIGNAL	PORPOSE	SIGNAL	PORPOSE	SIGNAL	PORPOSE	
0:00	Color Bar (75%) (with	X Value Adiustment			6KHz 10VU	X Value Adiustment	
	drop-out track)	.,				.,	

3. List of Recommended Measuring and Instruments

MODEL No. (Example)	NAME	REMARKS
	HD Monitor TV	with SDI INPUT
	Waveform Monitor	• with SDI INPUT
LEADER LV5152DA	Vector Scope	• R,G,B/Y,Pb,Pr
		Display Switching
	Oscilloscope	
	Digital Volt Meter (D.V.M.)	
	Frequency Counter	
	Audio Analyzer	
	Spectrum Analyzer	
	Halogen Lump (X2)	500W 3200K
	Lux Meter	
	Color Pyrometer	
	Special Light Box	Spherical Type

4. Maintenance Schedule

	Dort Nome	Hours of Use (unit hours)							
	Part Name	1,000H	2,000H	4,000H	6,000H	8,000H	10,000H	12,000H	
_	Cleaning of the tape transport			"C":	every 500 h	ours			
1	Cylinder Ass'y		R	R	R	R	R	IM	
2	Pinch Arm Unit	R, Y, G	R, Y, G	R, Y, G	R, Y, G	R, Y, G	R, Y, G	IM	
3	Cleaning Arm Unit	R, Y	R, Y	R, Y	R, Y	R, Y	R, Y	IM	
4	S,T Reel Motor Unit			R		R		IM	
5	Thrust Screw Unit			R		R,L		IM	
6	S1 Loading Arm Unit					R		IM	
7	T1 Boat Unit					R		IM	
8	S5 Post Base Unit					R		IM	
9	Tension Arm Unit					R		IM	
10	S,T Cass. Brake Arm U.					R		IM	
11	Mode Switch Unit					R		IM	
12	A/C Head							IM	
13	Loading Motor (1) Arm Unit.							IM	
14	Pinch Solenoid							IM	
15	S,T Brake Solenoid							IM	
16	L Switch Base Unit							IM	
17	Cleaner Solenoid							IM	
18	Main Cam Gear							IM	
19	Mechanism Unit							IM	
20	Cassette Compartment Unit							IM	

Replacement of the mechanism chassis unit is recommended for the 12,000 h maintenance.

"C" : Perform cleaning.

"R" : Assembly subject to exchange.

"Y": The timing of replacement with Cleaning Arm Unit, either 1000 hours or 1 year as timing come earlier.

"G" : At the time of replacement, wipe off the old grease and apply new grease. (Molytone Grease)

"L" : Lubrication is necessary.

"IM" : Included in the mechanical chassis unit when the mechanical chassis unit is not replaced, replacement as a single part is required.

<Note:>

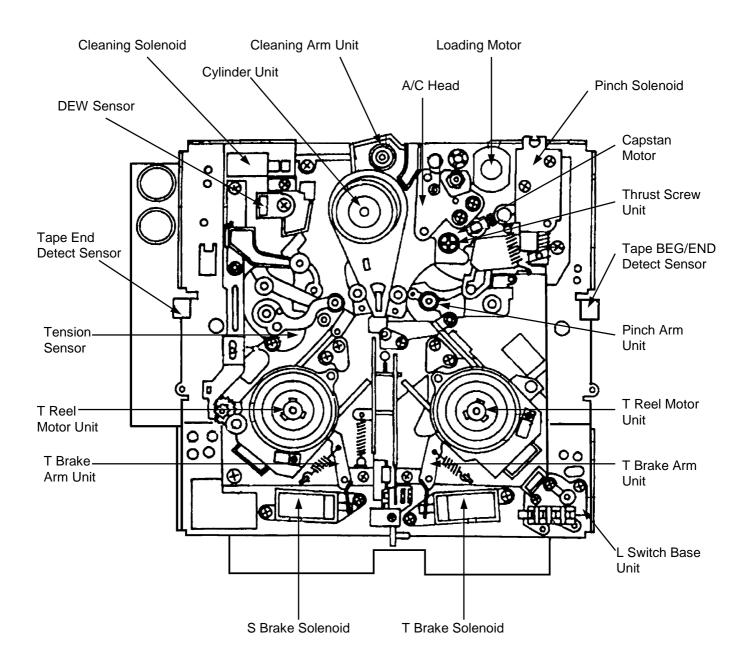
The Hours of use indicates the cylinder rotation time (DRUM RUN).

The maintenance execution time shown in the chart is recommendation for standard maintenance execution.

This is not the life of the various parts.

The life is influenced by temperature, humidity, dust, etc.

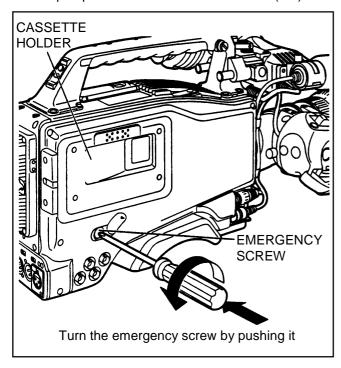
5. Layout of the Maintenance Parts & Sensors



6. Emergency Eject

If the cassette cannot be ejected by pressing the EJECT button, use a screwdriver or similar tool to press and turn the EMERGENCY screw. This enables the cassette to be removed.

- 1. Turn the power OFF.
- 2. Remove the rubber cap where shown in the figure. Insert a Phillips head screwdriver into the cross-shaped part of the EMERGENCY screw (red).



- 3. While pushing in with the screwdriver, turn the EMERGENCY screw counterclockwise until the tape is ejected.
 - This screw needs to be rotated through about 20 turns after the first turn until the unloading can be started.
 - This screw needs to be rotated through about 90 turns after the first turn until the tape is ejected.

- 4. Remove the cassette.
- 5. Return the rubber cap to its original position.

< Notes >

- Do not turn the EMERGENCY screw except in an emergency.
- Do not turn the screw clockwise. Stop turning the screw as soon as the tape is ejected. Otherwise, the mechanism may be damaged.
- After the tape is ejected, the cassette holder will not be locked even when it is closed. Be sure to turn the power off and turn it back on to reset the mechanism's operation, and then close the cassette holder.
- A clicking sound will be heard while the EMERGENCY screw is been turning: this sound is made by the reel drive operation. Therefore it isn't indication of a malfunction.

7. Cleaning Method

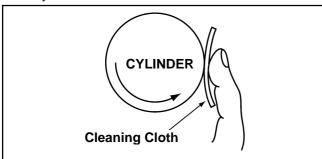
Note: Turn the power OFF during cleaning.

Make sure the power is OFF before cleaning.

Use ethanol (more than 99% purity) as cleaning liquid.

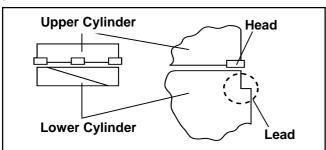
7-1. Cylinder Head Cleaning Method: (Daily)

Clean heads by applying even pressure and rotating cylinder a few times. Never wipe in up and down motion. Never touch a cylinder by bare hand. At first wipe with a cloth dipped in cleaning liquid. Then wipe with dry cloth.



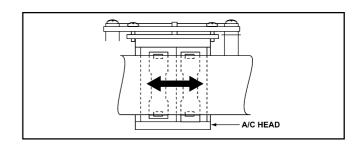
7-2. Cylinder Lead Cleaning Method: (Weekly)

Don't touch a head chip. Clean the drum lead with a pick.



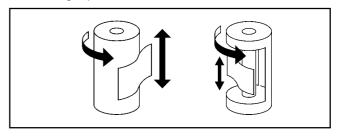
7-3. A/C Head Cleaning Method: (Weekly)

Wipe the A/C head with a cloth dipped in cleaning liquid. Wipe again with a dry cloth.



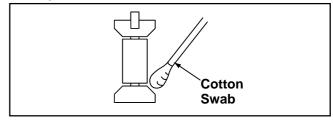
7-4. Pinch Roller and Capstan Shaft Cleaning Method: (Weekly)

Wipe the Pinch Roller and Capstan with a cloth dipped in cleaning liquid.



7-5. Post Cleaning Method: (Weekly)

Wind a cloth on a pick. Wipe each posts with that pick. Wipe again with a dry cloth. For metal posts wipe with a cloth dipped in cleaning liquid. Then wipe it again with dry cloth.



Notes:

Use the clean cloth for cleaning purpose. Do not use any dirty cloth.

The cleaning cloth can be ordered as spare parts.

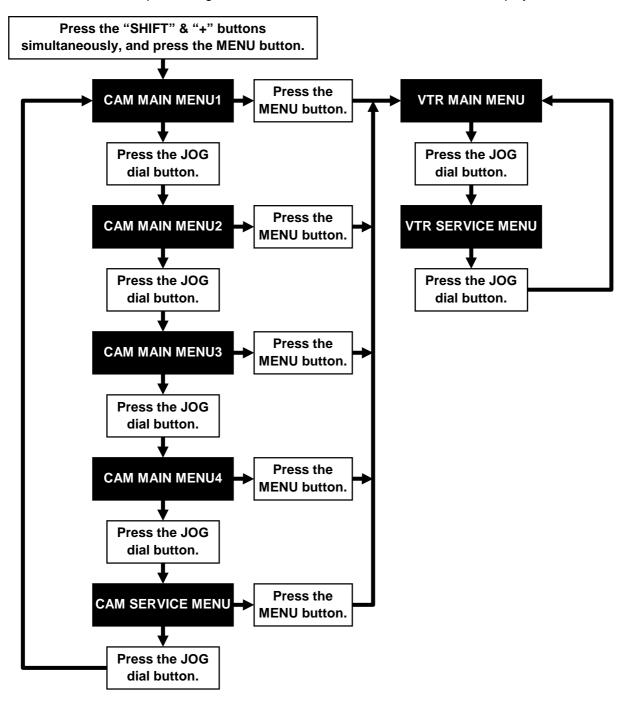
The part number is indicated as below.

CLEANING CLOTH: VZZ0095

8. Basic Setting Menu Operations

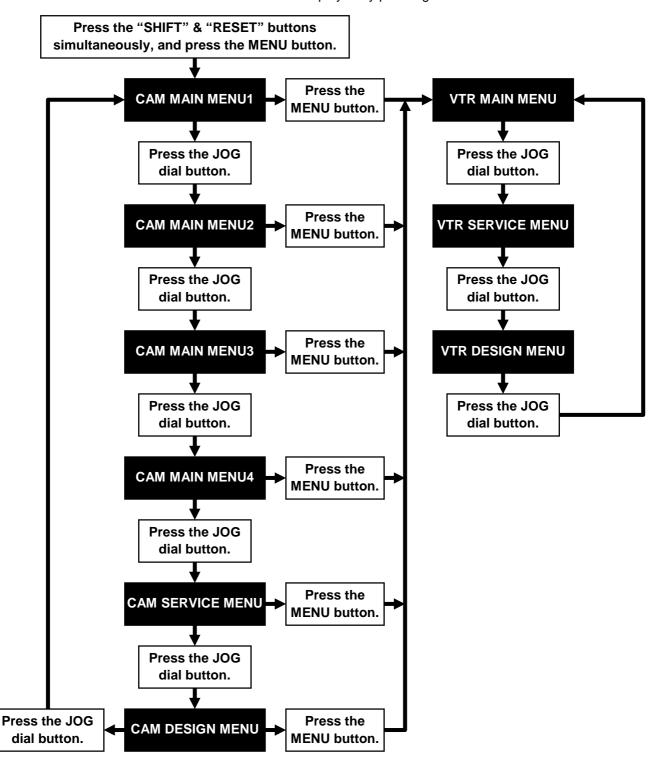
8-1. Service Menu Operation

- 1. Press the "SHIFT" and "+" buttons of the Time Code Operation Button simultaneously and press the MENU button, and CAMERA unit's SERVICE MENU screen is displayed.
- 2. When the MENU button is pressed again, the VTR unit's SERVICE MENU screen is displayed.



8-2. Design Menu Operation

- Press the "SHIFT" and "RESET" buttons of the Time Code Operation Button simultaneously and press the MENU button, and switch to the CAMERA unit's SERVICE MENU screen display mode. At first "CAM MAIN MENU1" screen is displayed as shown below, but by pressing the JOG Dial button following screen through the "CAM DESIGN MENU" is displayed.
- 2. The SERVICE MENU and DESIGN MENU Can be displayed by pressing the JOG Dial button.



8-3. Displaying Sub-Menus and Setting Procedures

Setting procedures are same for both the USER MENU and ENGINEER MENU.

 Turn the JOG Dial button while the USER MENU screen or MAIN MENU screen is displayed.
 The cursor moves to the SUB MENU item.

Example:

Turn the JOG Dial button.



→ **** CAM MAIN MENU1 ****

ROP
MATRIX
COLOR CORRECTION1
COLOR CORRECTION2
LOW SETTING
MID SETTING
HIGH SETTING
ADITIONAL DTL1
ADITIONAL DTL2
SKIN TONE DTL
KNEE / LEVEL
GAMMA
CAMERASETTING

2. Move the cursor to the desired SUB MENU item, and press the JOG Dial button.

The SUB MENU is now displayed.

(The cursor appears beside the title part of the SUB MENU.)

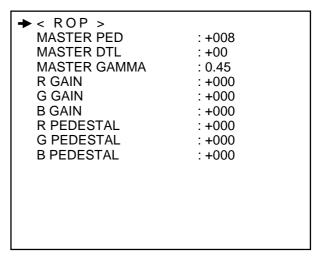
Example:

Press the JOG Dial button.



**** CAM MAIN MENU1 ****

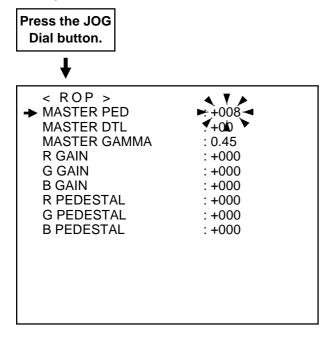
→ ROP
MATRIX
COLOR CORRECTION1
COLOR CORRECTION2
LOW SETTING
MID SETTING
HIGH SETTING
ADITIONAL DTL1
ADITIONAL DTL2
SKIN TONE DTL
KNEE / LEVEL
GAMMA
CAMERASETTING



Turn the JOG Dial button to move the cursor to the desired item to be set, and press the JOG Dial button.

The digit which value is to be set now flashes.

Example:



- 4. Turn the JOG Dial button to change the setting.
- When the desired setting is shown, press the JOG Dial button.

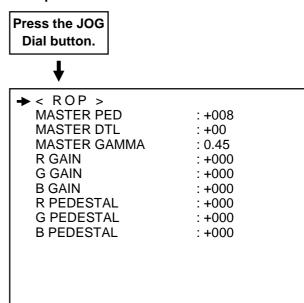
The setting is now entered.

6. When other items are to be set, turn the JOG Dial button to move the cursor, and charge and enter the settings by repeating steps 3 through 5.

7. To move to the another SUB MENU, turn the JOG Dial button to move the cursor to the title part of the SUB MENU, and press the JOG Dial button.

The USER MENU screen or MAIN MENU screen is now displayed, so proceed with operation by following the same steps.

Example:



 Upon completion of the settings, press the MENU button. Then the settings are now saved, exit the settings menu mode, and return-to the normal operation mode.

NOTE:

To exit the camera unit's menu, press the MENU button twice. When the MENU button is pressed once, operation is transferred to the VTR unit's menu.

8-4. How to release the ENG SECURITY

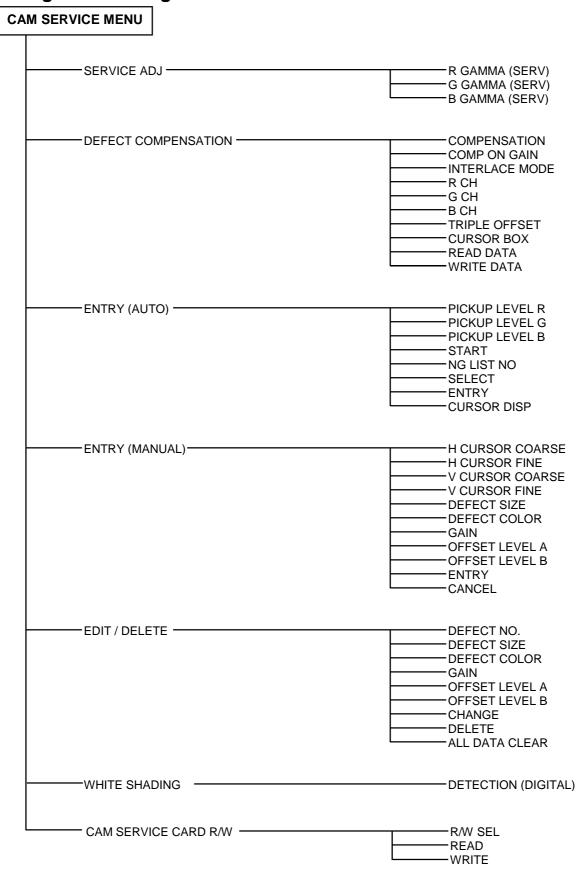
There is a "ENG SECURITY" menu in the OPTION screen of the engineer menu.

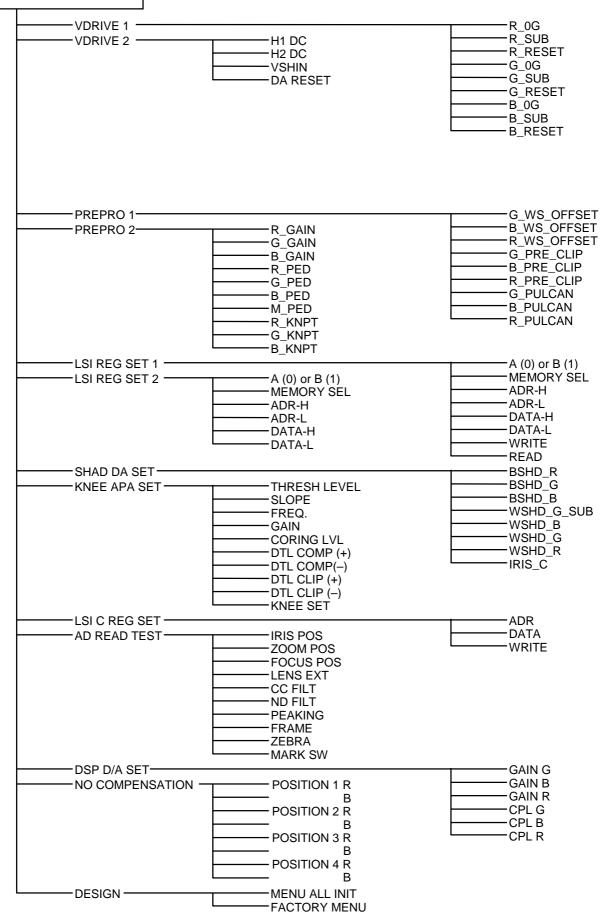
When set this item to "ON", the engineer menu is not displayed.

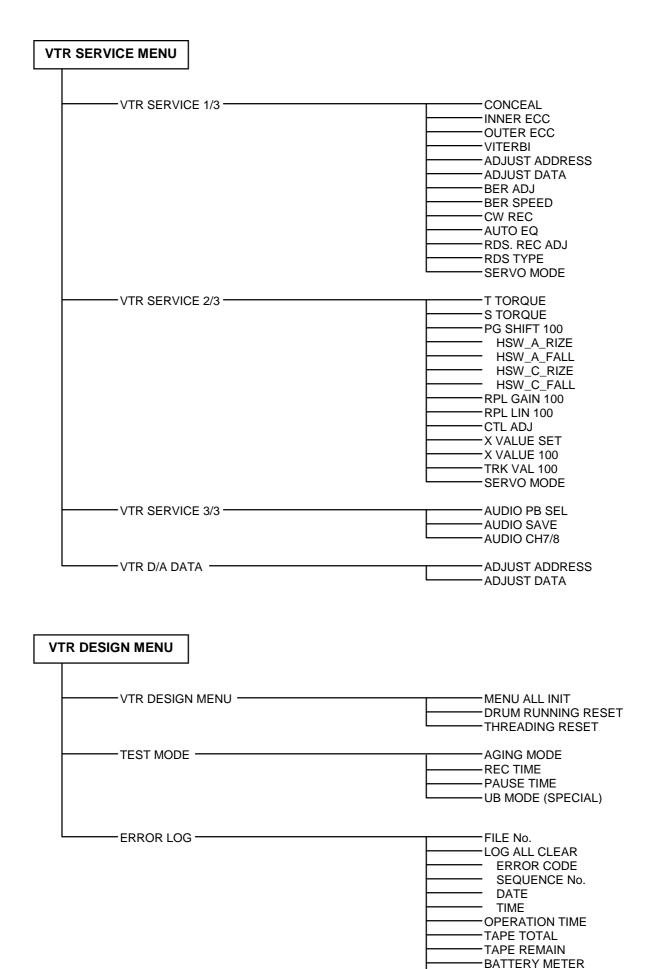
When you want to release this setting, please execute the following procedure.

- 1. Turn the power switch to off.
- 2. Set the OUTPUT/AUTO KNEE switch to "BARS" mode.
- 3. Set the AUTO W/B BAL switch to "ABB" side and keep it, then turn the power switch to on.
- 4. Open the "OPTION MENU" in the CAMERA MAIN MENU 4/4.
- Set the ENG SECURITY menu to "OFF".

8-5. Setting Menu Configurations







OBJ/MODE

9. Service Menu Item Contents

< CAMERA Section > 9-1. CAM SERVICE MENU

	ITEM	SETTING	INIT.	MEANING of SETTING &
	1	RANGE	VALUE	OUTLINE of FUNCTION
SERVICE ADJ	R GAMMA (SERV)	-30-+30	00	Adjustment for R GAMMA.
	G GAMMA (SERV)	-30-+30	00	Adjustment for G GAMMA.
	B GAMMA (SERV)	-30-+30	00	Adjustment for B GAMMA.
DEFECT	COMPENSATION	ON/OFF	ON	ON/OFF switching of blemish compensation.
COMPENSA-	COMP ON GAIN	-3dB-+30dB	12dB	Specified gain of blemish compensation.
TION	INTERLACE MODE	PDMIX/FRAME	PDMIX	Select a way of correct operation.
	R CH	AVE/OFSET	AVE	Adjacent Picture Element Compensation/
	G CH	AVE/OFSET	AVE	Level Decrease
	В СН	AVE/OFSET	AVE	
	TRIPLE OFFSET	BAB/BBA	BAB	3 adjacent picture elements decrease.
	CURSOR BOX	ON/OFF	ON	Indicate the box on the cursor.
	READ DATA	ON/OFF	OFF	Read the defect data.
	WRITE DATA	ON/OFF	OFF	Write the defect data.
ENTRY (AUTO)	PICKUP LEVEL R	1-40	15	Detection Level of blemish.
	PICKUP LEVEL G	1-40	10	Detection Level of blemish.
	PICKUP LEVEL B	1-40	25	Detection Level of blemish.
	START	ON/OFF	OFF	ON/OFF Switching of Auto detection.
	NG LIST NO	0-63	000	Display the NG List No.
	SELECT	OFF/A/B	OFF	Factory Use
	ENTRY	ON/OFF	OFF	Factory Use
	CURSOR DISP	ON/OFF	ON	Factory Use
ENTRY (MANUAL)	H CURSOR COARSE	00-08	03	Coarse Adjustment for Horizontal Cursor Position
	H CURSOR FINE	00-FF	80	Fine Adjustment for Horizontal Cursor Position
	V CURSOR COARSE	00-04	02	Coarse Adjustment for Vertical Cursor Position
	V CURSOR FINE	00-FF	80	Fine Adjustment for Vertical Cursor Position
	DEFECT SIZE	1-3	1	Sequential Number of blemish.
	DEFECT COLOR	Y/R/G/B	Υ	The color which has blemish.
	GAIN	ON/OFF	ON	ON/OFF switching of compensation followed gain.
	OFFSET LEVEL A	0-255	100	Set the decrease value.
	OFFSET LEVEL B	0-255	100	Set the decrease value.
	ENTRY	ON/OFF	OFF	ON/OFF switching of blemish entry of above data.
	CANCEL	ON/OFF	OFF	Cancel for just before entry.
EDIT/DELETE	DEFECT NO.	0-255	0	Indicate the blemish data of specified number.
	DEFECT SIZE	1-3	1	Sequential Number of blemish.
	DEFECT COLOR	Y/R/G/B	Υ	The color which has blemish.
	GAIN	ON/OFF	ON	ON/OFF switching of compensation followed gain.
	OFFSET LEVEL A	0-255	100	Set the decrease value.
	OFFSET LEVEL B	0-255	100	Set the decrease value.
	CHANGE	ON/OFF	OFF	Entry the above data.
	DELETE	ON/OFF	OFF	Delete above entry data.
	ALL DATA CLEAR	ON/OFF	OFF	Delete all of entry data.
WHITE SHADING	DETECTION (DIGITAL)			Execute the Digital white shading.
CAM SERVICE CARD R/W	R/W SEL	DESIGN/SHADI NG/DEFECT		Select the R/W DATA
	READ			Read the DATA from the card.
	WRITE			Write the DATA to the card.

9-2. CAM DESIGN MENU

IT	EM	SETTING RANGE	INIT. VALUE	MEANING of SETTING & OUTLINE of FUNCTION
VDRIVE 1	H1DC	0-FF	2E	H1DC setting value of CCD.
	H2DC	0-FF	00	H2DC setting value of CCD.
	VSHIN	0-FF	FF	Read voltage of CCD.
	DA RESET	OFF/ON	OFF	Set the all of DA value to INIT. VALUE.
VDRIVE 2	VAH	00-FF	2E	Read Out Pulse voltage of CCD (VH)
	VA13M	00-FF	00	Transfer Pulse voltage of CCD (VM13)
	VA24M	00-FF	FF	Transfer Pulse voltage of CCD (VM24)
	VAL	00-FF	40	Transfer Pulse voltage of CCD (VAL)
	VBL	00-FF	40	Transfer Pulse voltage of CCD (VBL)
	LG	00-FF	6A	Output Amp Voltage of CCD (LG)
	HPP	00-FF	FF	H Transfer Pulse voltage of CCD (H)
	0D	00-FF	FF	Output Amp Voltage of CCD (OG)
	P16V	00-FF	FF	CCD Drive voltage (16V)
	R_PADC	00-FF	A8	Offset Adjustment for Rch Pre Amp
	G_PADC	00-FF	98	Offset Adjustment for Gh Pre Amp
	B_PADC	00-FF	C7	Offset Adjustment for Bch Pre Amp
	DA RESET	OFF/ON	OFF	Initialize the all DA data.
PRE PROCESS1	G_WS_OFFSET			G WHITE SHADING OFFSET Adjustment
	B_WS_OFFSET			B WHITE SHADING OFFSET Adjustment
	R_WS_OFFSET			R WHITE SHADING OFFSET Adjustment
	G_PRE_CLIP			Factory Use (Fixed at Factory)
	B_PRE_CLIP			Factory Use (Fixed at Factory)
	R_PRE_CLIP			Factory Use (Fixed at Factory)
	G_PULCAN			G PULSE CANCEL Adjustment
	B_PULCAN			B PULSE CANCEL Adjustment
	R_PULCAN			R PULSE CANCEL Adjustment
PRE PROCESS2	R_GAIN			
	G_GAIN			AWB Adjustment Value
	B_GAIN			
	R_PED			
	G_PED			ABB Adjustment Value
	B_PED			7
	M_PED			Master Pedestal Value (For 0IRE Adjustment)
	G_KNPT			G Knee point value
	B_KNPT			B Knee point value
	R_KNPT			R Knee point value

(CAM DESIGN MENU)

IT	ГЕМ	SETTING	INIT.	(CAM DESIGN MENU) MEANING of SETTING &			
• •	LEW	RANGE	VALUE	OUTLINE of FUNCTION			
LSI REG SET1	A (0) or B (1)			Not used			
	MEMORY SEL			Not used			
	ADR_H			Data address of Flash memory (at CAM_SYS)			
	ADR_L						
	DATA_H			Data value of Flash memory (at CAM_SYS)			
	DATA_L						
	WRITE			STORE command of Adjustment data (To Flash memory)			
	READ			READ command of Adjustment data (From Flash memory)			
LSI REG SET2	A (0) or B (1)			Not Used			
	MEMORY SEL			Not Used			
	ADR_H			Not Used			
	ADR_L			Not Used			
	DATA_H			Not Used			
	DATA_L			Not Used			
SHAD DA SET	BSHD_R						
	BSHD_G						
	BSHD_B						
	WSHD_G_SUB			Factory Use only (Fixed at Factory)			
	WSHD_B						
	WSHD_G			_			
	WSHD_R						
	IRIS_C						
KNEE APA SET	TRESH LEVEL						
	SLOPE						
	FREQ						
	GAIN						
	CORING LVL						
	DTL-COMP (+)			Not Used			
	DTL-COMP (–)						
	DTL-CLIP (+)						
	DTL-CLIP (–)						
	KNEE SET						
LSIC REGSET	ADR			Not Used			
	DATA			Not Used			
	WRITE			Not Used			
AD READ TEST	IRIS POS			Lens iris position information			
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	ZOOM POS			Lens zoom position information			
	FOCUS POS			Lens focus position information			
	LENS EXT			Lens extender position information			
	CC FILT			CC Filter position information			
	ND FILT			ND Filter position information			
	PEAKING			Not Used			
	FRAME			Not Used			
	ZEBRA			Information of Zebra pattern on Viewfinder			
				(ON or OFF Information)			
	MARK SW			Not Used			

(CAM DESIGN MENU)

ITEM		SETTING	INIT.	MEANING of SETTING &
		RANGE	VALUE	OUTLINE of FUNCTION
DSP D/A SET	GAIN G			G A/D converter input gain adjustment
	GAIN B			B A/D converter input gain adjustment
	GAIN R			R A/D converter input gain adjustment
	CPL G			G A/D converter input clamp level adjustment
	CPL B			B A/D converter input clamp level adjustment
	CPL R			R A/D converter input clamp level adjustment
ND	POSITION1 R	-127-+128	0	R GAIN Adjustment at ND FILTER POSITION 1.
COMPENSATION	В	-127-+128	0	B GAIN Adjustment at ND FILTER POSITION 1.
	POSITION2 R	-127-+128	0	R GAIN Adjustment at ND FILTER POSITION 2.
	В	-127-+128	0	B GAIN Adjustment at ND FILTER POSITION 2.
	POSITION3 R	-127-+128	0	R GAIN Adjustment at ND FILTER POSITION 3.
	В	-127-+128	0	B GAIN Adjustment at ND FILTER POSITION 3.
	POSITION4 R	-127-+128	0	R GAIN Adjustment at ND FILTER POSITION 4.
	В	-127-+128	0	B GAIN Adjustment at ND FILTER POSITION 4.
DESIGN	MENU ALL INIT	ON/OFF	OFF	Initialize for all menu items of Camera part
	FACTORY MENU	ON/OFF	OFF	Factory use only (Fixed at factory)

< VTR Section > 9-3. VTR SERVICE 1/3

ITEM	SETTING	INIT.	Backup	Backup	MEANING of SETTING &
I I EIVI	RANGE	VALUE	Баскир	(INH.)	OUTLINE of FUNCTION
CONCEAL	ON/OFF	ON	NG	NG	CONCEAL setting
INNER ECC	ON/OFF	ON	NG	NG	INNER ECC setting
OUTER ECC	ON/OFF	ON	NG	NG	OUTER ECC setting
VITERBI	ON/OFF	ON	NG	NG	VITERBI setting
ADJUST ADDRESS	01-24h	01	NG	NG	EVD adjustment for VTD part
ADJUST DATA	00-FFh		OK	NG	EVR adjustment for VTR part
BER ADJ	OFF/	OFF	NG	NG	
	L1L3/R1R3/				Error rate display mode setting
	L2L4/R2R4				
BER SPEED	SLOW/FAST	SLOW	NG	NG	Speed setting of Error rate display
CW REC	OFF/	OFF	NG	NG	Frequency setting for RF,EQ adjustment
	20M/5M				Frequency setting for KF,EQ adjustinent
AUTO EQ	ON/OFF	ON	NG	NG	AUTO RF,EQ setting
RDS. REC ADJ	OFF/	OFF	NG	NG	
	L1/L3/				Head select for RDS (REC SIGNAL DETECTION
	R1/R3/				`
	L2/L4/				SYSTEM) adjustment
	R2/R4				
RDS. TYPE	OFF/BOTH/	вотн	OK	NG	BDC notting
	REC/SPLAY				RDS setting
SERVO MODE	ATF/CTL	ATF	NG	NG	Servo mode setting

9-4. VTR SERVICE 2/3

ITEM	SETTING RANGE	INIT. VALUE	Backup	Backup (INH.)	MEANING of SETTING & OUTLINE of FUNCTION
T TORQUE	-128-+127	0	OK	NG	Take-up reel torque adjustment
S TORQUE	-128-+127	0	OK	NG	Supply reel torque adjustment
PG SHIFT 100					PG shifter adjustment
HSW_A_RIZE	0-4095	0x500	OK	NG	Rising edge
HSW_A_FALL	0-4095	0x500	OK	NG	Falling edge
HSW_C_RIZE	0-4095	0x500	OK	NG	Rising edge
HSW_C_FALL	0-4095	0x500	OK	NG	Falling edge
RPL GAIN 100	-128-+127	64	OK	NG	RPL head ATF pre-filter gain adjustment
RPL LIN 100	OFF/ON	OFF	NG	NG	RPL head LISTA linearity adjustment
CTL ADJ	OFF/ON	OFF	NG	NG	CTL Adjust mode setting
X VALUE SET	OFF/ON	OFF	NG	NG	X value adjustment
X VALUE 100	-128-+127	0	OK	NG	Fine adjustment for X value
TRK VAL 100	-128-+127	0	NG	NG	CTL tracking offset setting
SERVO MODE	ATF/CTL	ATF	NG	NG	Servo mode setting

9-5. VTR SERVICE 3/3

ITEM	SETTING RANGE	INIT. VALUE	Backup	Backup (INH.)	MEANING of SETTING & OUTLINE of FUNCTION
AUDIO PB SEL	CH1,2/	CH1,2	NG	NG	
	CH3,4/				
	CH5,6/				
	CH7,8				
AUDIO SAVE	ACTIVE/OFF	ACTIV	NG	NG	
		Е			
AUDIO CH7/8	EE FORCH/	EE,PB	OK	OK	
	EE,PB				

9-6. VTR DESIGN MENU

ITEM	SETTING RANGE	INIT. VALUE	MEANING of SETTING & OUTLINE of FUNCTION
MENU ALL INIT			
DRUM RUNNING			
RESET			
THREADING			
RESET			

9-7. TEST MODE

ITEM	SETTING RANGE	INIT. VALUE	MEANING of SETTING & OUTLINE of FUNCTION
AGING MODE	OFF/ON	OFF	ON : VTR RUNNING TEST (REC - PAUSE)
REC TIME	1-9 min	5 min	Set recording time in AGING MODE
PAUSE TIME	0-9 min	5 min	Set rec pause time in AGING MODE
UB MODE (SPECIAL)	BATTERY / SERVO /	NODMAL	Factory use
	NORMAL	NORMAL	

9-8. ERROR LOG

ITEM	SETTING RANGE	INIT. VALUE	MEANING of SETTING & OUTLINE of FUNCTION
FILE No.	1-5	1	Be able to select 1 through 5.
TILL INO.	1-5	'	1 : Old Error Data → 4 : Recent Error Data
			5 : First Error
			· · · · · · · · · · · · · · · · · · ·
			(Cannot delete until execute LOG ALL CLEAR)
LOG ALL CLEAR	OFF/ON	OFF	ON : All Clear
			Finally, turn OFF or POWER OFF.
ERROR CODE		E-00	
SEQUENCE NO		00	
DATE		00/01/01	
TIME		12 : 34 : 56	
OPERATION		000000Hr	
TIME			
TAPE TOTAL		120min	
TAPE REMAIN		90min	
BATTERY METER		1-F	Example : "α-F"
			" α " indicates the meter number.
			"-F" indicates the blink (flash).
OBJ/MODE	00 00 00 : 00 : 00	00 00 12 : 34 : 56	Indicate the time when OBJ/MODE occurred.
	00 00 00 : 00 : 00	00 00 12 : 34 : 56	Upper - occurred lately
	00 00 00 : 00 : 00	00 00 12 : 34 : 56	↓ ↓
	00 00 00 : 00 : 00	00 00 12 : 34 : 56	Lower - occurred formerly
	00 00 00 : 00 : 00	00 00 12 : 34 : 56	

10. Adjustment after Optical Unit Replacement

When replace the Optical Unit (PRE AMP, CCD PULSE, DRIVE Board included), execute the adjustment as following procedures.

In this case, do not need to execute the Optical Unit Adjustment on the "Section 4: Electrical Adjustment".

10-1. Input the Adjustment Data

- 1. Set the Shading Correction to "OFF" as follows.
 - *** CAM MAIN MENU 4 ***
 - < BLACK SHADING >
 - → CORRECT (DIG) : "ON" → "OFF"
 - < WHITE SHADING >
 - \rightarrow CORRECT : "ON" → "OFF"
- 2. Input the adjustment data following the Adjustment Data Sheet which is included with optical unit.
- < Items mentioned on the Adjustment Data Sheet > (8 items)
- *** CAM DESIGN MENU ***
 - < VDRIVE 1 >
 - \rightarrow R-SUB → R-RESET DC \rightarrow G-SUB \rightarrow G-RESET DC \rightarrow B-SUB \rightarrow B-RESET DC
- *** CAM DESIGN MENU ***
 - < VDRIVE 2 >
 - \rightarrow H1-DC
 - $\to \mathsf{VSHIN}$
- 3. Input or execute the following setting by menu. (Memory of Setting Value)
- *** CAM DESIGN MENU ***
 - < LSI REG SET 1 >
 - \rightarrow ADR_H : "FF" (input) \rightarrow ADR L : "01" (input)
 - \rightarrow WRITE : "OFF" \rightarrow "ON" (execute)

10-2. Electrical Adjustment

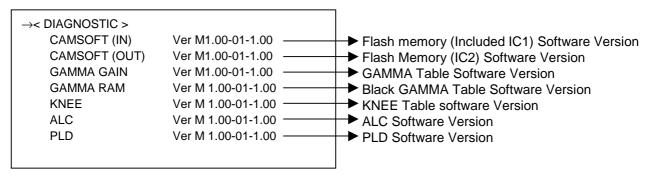
Execute the Confirmation and Adjustment as following items. (Refer to "Section 4: Electrical Adjustment")

- 1. 0IRE PED Adjustment
- R,G,B PRE AMP DC Confirmation
- 3. R,G,B PULCAN Adjustment
- R,G,B PREPRO Level Confirmation
- R,G,B PED TRACK Adjustment
- **Modulation Confirmation**
- R,G,B W/S (WHITE SHADING) OFFSET Adj. 7.
- Digital W/S (WHITE SHADING) Adjustment
- 9. Digital D/S (DARK SHADING) Adjustment
- 10. FLARE Adjustment
- 11. R,B GAMMA Adjustment

11. DIAG-MENU Display

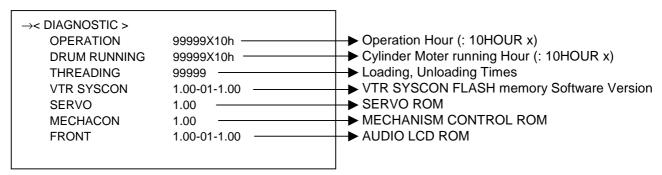
11-1. Version Display Operation Procedure (CAMERA Part)

- 1. Open the "ENG menu" (Press "MENU Button" more than 3 second.)
- 2. Open "CAM MAIN MENU 4" page (Press JOG Dial)
- 3. Select "DIAGNOSTIC" page (Turn and Press JOG Dial), then the Software version for each item can be confirmed.



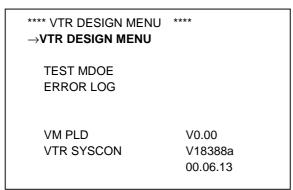
11-2. Version Display Operation and Hour Meter Display (VTR Part)

- 1. Open the "ENG menu" (Press "MENU Button" more than 3 second.)
- 2. Press "MENU Button" again to open the "VTR MAIN MENU".
- 3. Select "DIAGNOSTICS" page (Turn and Press JOG Dial), then the Software version for each item can be comfirmed.

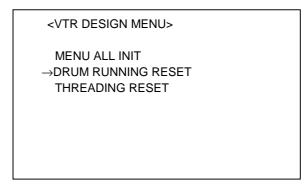


11-3. How to Reset Hour Meter

- 1. Open the "Design Menu" and then press "MENU Button".
- Open "VTR DESIGN MENU" page. (Press JOG Dial)
- Select "VTR DESIGN MENU" item. (Turn & press JOG Dial)



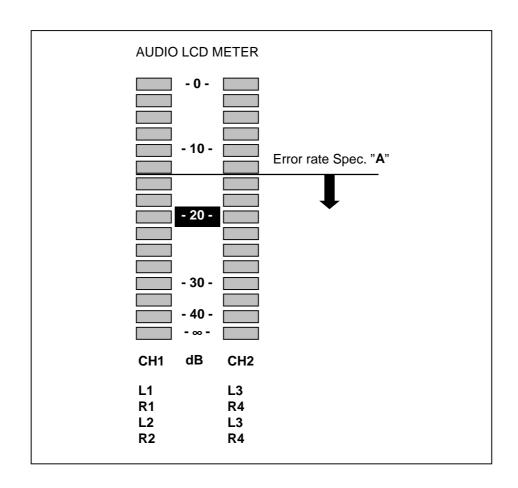
 After the following figure is displayed, move "→" to the item to reset



12. Error Rate Display and Confirmation Method

12-1. Error Rate Display Method

- 1. Open the "VTR SERVICE MENU".
- 2. Select "VTR SERVICE 1/3" page.(Turn & press JOG Dial)
- 3. Confirm "BER SPEED" setting is "SLOW".
- 4. Select "BER ADJ" by rotating JOG Dial and Select R/P head to be confirmed. BER ADJ item : OFF / L1L3 / R1R3 / L2L4 / R2R4 (exept OFF)
- 5. The Error rate will be displayed in the Audio meter on the Audio LCD panel.

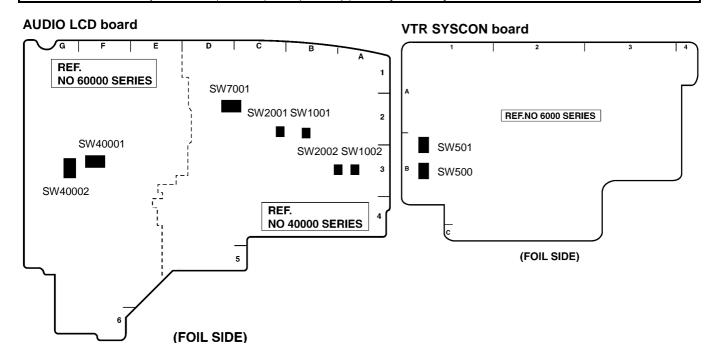


13. Internal Switch Setting Method

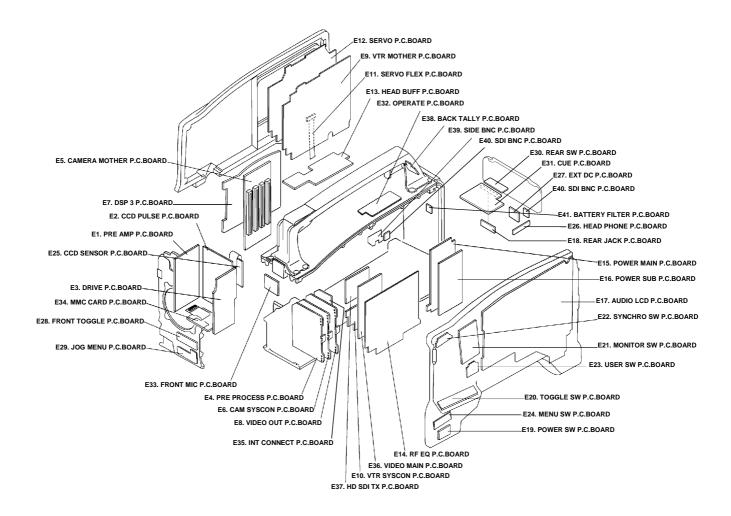
The switche settings on each circuit board are shown below.

"Factory use only" switches must be set to the "Factory setting".

BOARD	Ref. No.	SW	FACTORY SETTING	FEATURE
AUDIO LCD	CW 40004	1-7	ON (FIXED)	Factory use only
	SW40001	8	ON	Not used
	SW40002	1-5	OFF(FIXED)	Factory use only
	30040002	6	OFF	ON : ENG SEQURITY ON
		1	ON	Factory use only
	SW47001	2	ON	Factory use only
	30047001	3	ON	Factory use only
		4	OFF	Factory use only
	SW41001	-	-60	REAR CH1 MIC input level setting (-60dBu / -40dBu)
	SW42001	-	-60	REAR CH2 MIC input level setting (-60dBu / -40dBu)
	SW41002	-	-40	FRONT CH1 MIC input level setting (-50dBu / -40dBu)
	SW42002	-	-40	FRONT CH2 MIC input level setting (-50dBu / -40dBu)
VTR SYSCON		1	OFF (FIXED)	Not used
	SW500	2	OFF	EE-ROM write protect (allow is ON side)
		3-4	OFF (FIXED)	Factory use only
		1	OFF (FIXED)	Not used
				EE-PROM initialize
				<rom initialization="" procedure=""></rom>
				Turn Off the unit
	SW501	2	OFF	2. Switch SW201-2 and SW500-2 to ON \rightarrow Turn On the
	011001			unit.
				3. After 5 second, initialization is completed → Turn Off the
		2	OEE (EIVED)	unit.
		3	` '	Factory use only
		4	OFF (FIXED)	Factory use only



14. Circuit board layout



15. PLD Version Upgrade Method

The AJ-HDC20AMC has two Programmable Logic Devices (PLD) by ALTERA Corporation on CAM_SYS P.C.Board (IC100) and VM (Video Main) P.C.Board (IC321). See following procedures for details.

15-1. Preparation

Equipment	Remarks
CDI D WDITED	VFK1590 (Interface board)
CPLD WRITER	VFK1590P2 (Connection cable: Supplied with VFK1590)
D-sub 25pin-25pin Cable	Straight type (male - female), Length must be within 1meter
Linewada taalaaftuussa	MAX+plus II Software : www.altera.com/pub/software/asap2.exe
Upgrade tool software	Download from above URL and then install to any directory of PC.
	IC100 : TDF format file (Include it in "vsi xxxx")
	IC321 : POF format file (Include it in "vsi xxxx")
Version Upgrade data	Notice: Flash memory software versions on each P.C.Board sometimes need to be upgraded together with PLD version up. Before PLD version up, confirm the instruction of each vsi file.
Personal Computer	With WINDOWS 95® or 98®

15-2. Connection

IC100 (CAM_SYS P.C.Board)

- 1. Connect D-sub cable between connector CN201 on VFK1590 and PC.
- Connect CPLD Writer cable between connector P201 on VFK1590 and connector P100 on CAM_SYS P.C.Board. (Refer to Figure 15-1)
- 3. Turn on the power of camcorder and then boot-up PC.

IC321 (VM P.C.Board)

- 1. Connect D-sub cable between connector CN201 on VFK1590 and PC.
- Connect CPLD Writer cable (VFK1590P2) between connector P201 on VFK1590 and connector P320 on VM P.C.Board. (Refer to Figure 15-1)
- 3. Turn on the power of camcorder and then boot-up PC.

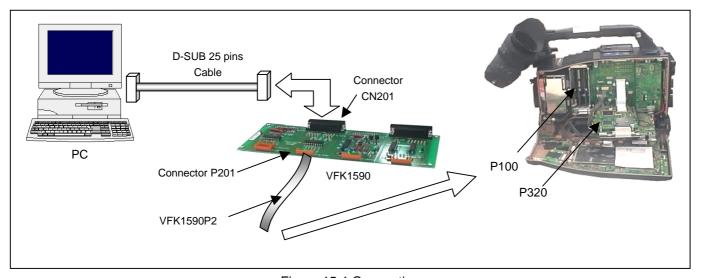
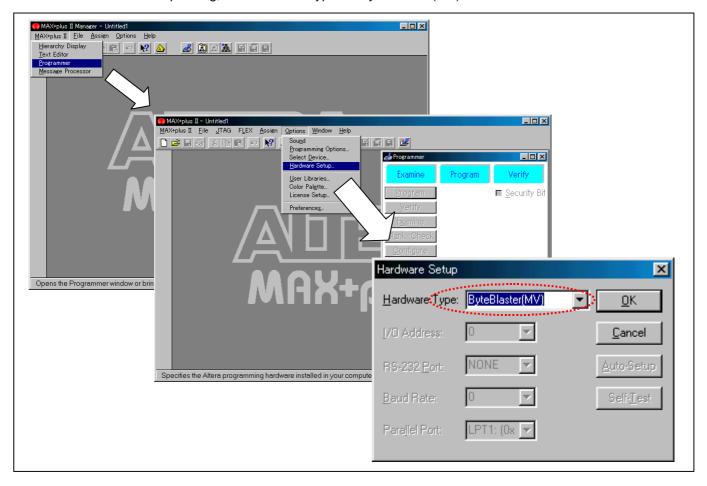


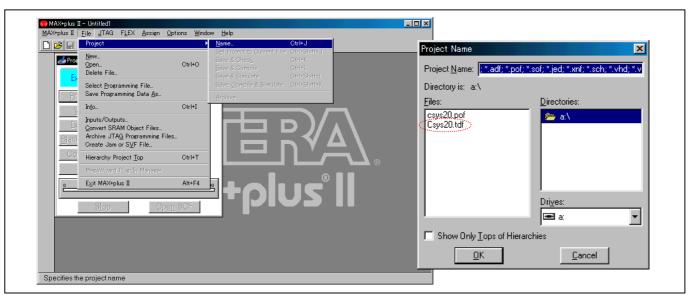
Figure 15-1 Connection

15-3. Version-up Procedures

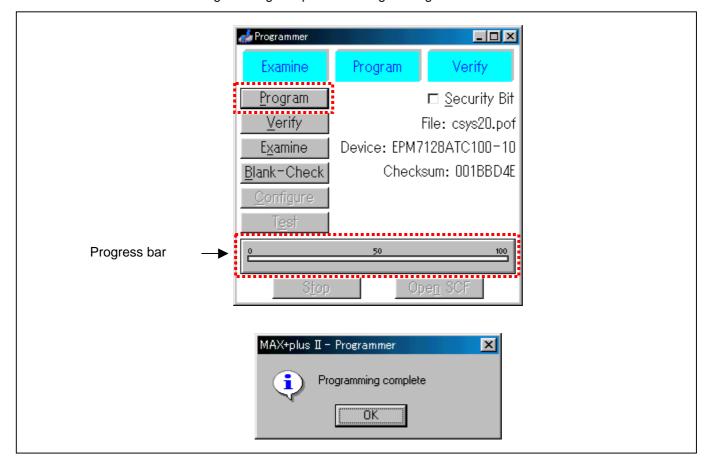
- 1. Boot up MAX+plus II 9.6 programmer only.
- 2. On main window, select tab "MAX-plus II" and then "Programmer".
- 3. On main window (Programmer window is displayed), select tab "Options" and then "Hardware Setup".
- 4. On Hardware Setup dialog, set Hardware Type to "ByteBlaster (MV)".



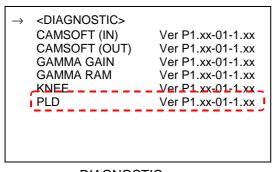
- 5. On main window, select tab "File", "Project" and then "Name".
- 6. On Dialog of Project Name, select the "TDF file (IC100)" or "POF file (IC321)" and then Click "OK button".

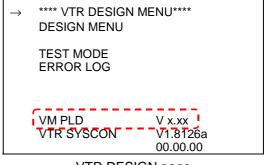


- 7. Click "Program button" on Programmer dialog.
- 8. When Progress bar reaches at point of "100", the message "Programming completed" appears, then PLD version upgrade is completed.
- 9. Click "OK Button" on "Programming complete" message dialog.



- 10. Turn the power of camcorder OFF and ON.
- 11. Confirm the current version of PLD on DIAGNOSTIC page (IC100: CAM SYS Board) and VTR DESIGN page (IC321: VM Board). (See page of INF-10 through 16 in this service manual for how to open each menu screen.)





DIAGNOSTIC page

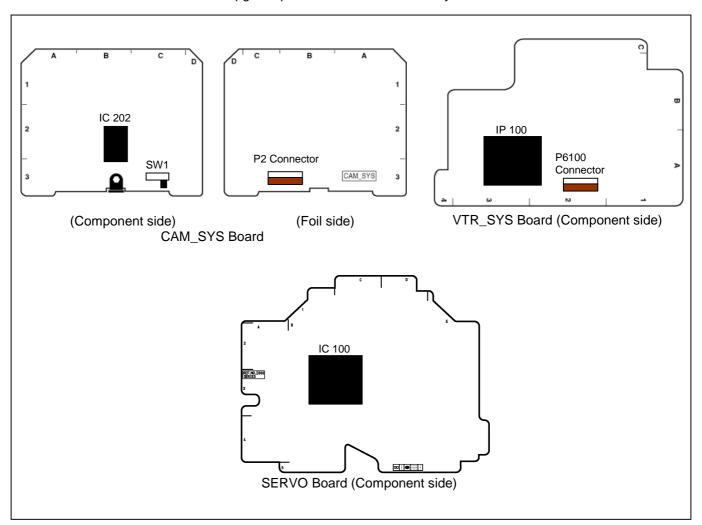
VTR DESIGN page

^{*} MAX+PLUS is registered trademark of Altera Corporation in the United States and/or other countries.

^{*} Windows95 and Windows98 are either registered trademarks of Microsoft corporation in the United States and/or other countries.

16. Flash Memory Version Upgrade Method

The AJ-HDC20AMC has Flash memories IC202 on CAM_SYS P.C.Board, IP100 on VTR_SYS P.C.Board and IC100 on ERVO P.C.Board. Version upgrade procedures for each Memory is shown below.



16-1. Preparation

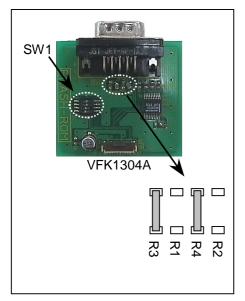
16-1-1. Equipment

Name	Remarks		
Flash memory version-	VEK1304A (Connection Reard and Elet cable)		
up tool	VFK1304A (Connection Board and Flat cable)		
RS-232C Cable	9pins – 9pins, Cross type, D-SUB		
	CAM_SYS Board	: XXXXX.BAT (come with each Version-up data)	
Version upgrade Software	VTR_SYS Board	: VFK1248E (For WINDOWS 95® or 98® type)	
	SERVO Board	: VFK1503	
Version-up Data	VVVSI File		
Personal Computer	With MS-DOS, Windows95 or Windows 98		

^{*} MS-DOS, Windows95 and Windows98 are either registered trademarks of Microsoft corporation in the United States and/or other countries.

16-1-2. Setting of VFK1304A

Before executing version upgrade, Set "Cable type setting" and "Writing function setting" on VFK1304A as shown below. If any settings are wrong, it can not communicate to PC.



Board	Writing function setting (SW1)			Cable type setting		
	SW1	SW2	SW3	SW4		(R1, R2, R3, R4)
CAM_SYS	ON	ON	OFF	OFF	ON 1 2 3 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	
VTR_SYS	ON	ON	OFF	OFF	ON 1 2 3 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	R1 = OPEN R2 = OPEN R3 = SHORT R4 = SHORT
SERVO	ON	OFF	OFF	OFF	ON 1 1 1 2 2 1 3 3 3 4 4 1 4 1 4 1	

Figure 16-1

16-2. Version Upgrade for CAM_SYS P.C.Board

16-2-1. Getting the user data

1.Get the User data with Multimedia Card (See Operating Instructions page numbers 59 – 63 for Details of Getting the User data.)

16-2-2. Connection

- 1. Connect RS-232C Cable between connector P2 on VFK1304A and COM1 port on PC. (Refer to Figure. 16-2)
- 2. Connect Flat cable between connector P1 on VFK1304A and connector P2 on CAM_SYS P.C.Board, and then set SW1 on VFK1304A according to Figure. 16-1.
- 3. Set "SW201" on CAM_SYS P.C.Board to "ON" (Up-side at condition of slot into the unit)
- 4. Turn on the power of the unit and then boot-up PC (MS-DOS mode).

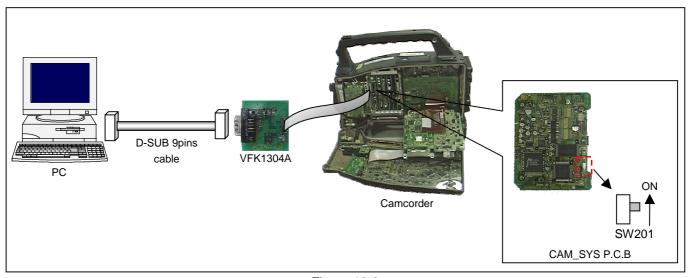


Figure 16-2

16-2-3. Software Version Upgrading

- 1. Copy all files in "Version up data (vvvsi file)" to arbitrary directory. (Please make a directory)
- 2. Type "xxxxx.bat" and then hit RETURN key.
- 3. Data transfer will be started from PC to camcorder. Data transferring scheme is shown below.

Scheme of Flash memory writing

ERASE: Data all clear on Flash memory
WIRTE: Data writing to Flash memory
VERIFY: Verifying data between wrote data

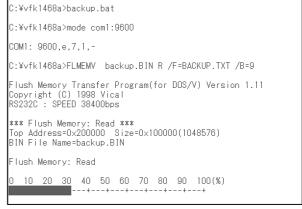
and original data

4. When progress bars reaches at 100% position, data transfer is completed.

5. Set "SW201" to OFF side.

Turn OFF→ON the power of camcorder and then confirm software's version.

NOTE: Each software version is indicated on <DIAGNOSTIC> menu screen (CAM MAIN MENU4 page).



16-2-4. Restoring User Data

1. Restore the User data with Multimedia card. (See Operating Instructions page numbers 59 – 63 for Details of restoring the User data.)

16-2-5. Trouble Shooting

Symptoms	Error message "ERROR: RS232C: Line Open Error" is appeared and then data transferring is interrupted.
Cause Could not communicate between PC and camcorder.	
Check point	* Did you use RS-232C cable as designated? (9pins-9pins, Cross) * Did you set SW201 on CAM_SYS P.C.B to "ON" side? * Did you turn on the power of camcorder?

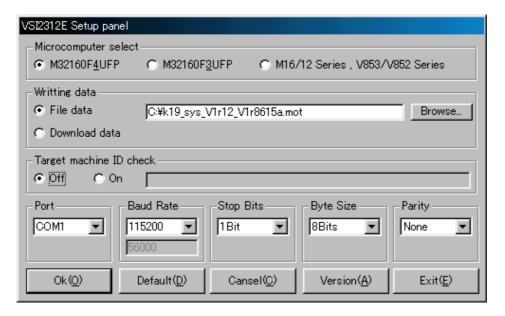
16-3. Version Upgrade for VTR_SYS P.C.Board

16-3-1. Connection

- 1. Connect RS-232C Cable between connector P2 on VFK1304A and COM1 port on PC. (Refer to Figure. 16-2.)
- 2. Connect Flat cable between connector P1 on VFK1304A and connector P6100 on VTR_SYS P.C.Board, and then set SW1 on VFK1304A according to Figure. 16-1.
- 3. Turn on the power of the unit and then boot-up PC (WINDOWS mode).

16-3-2. Software Version Upgrading

- 1. Copy all files of VFK1248E to arbitrary directory.
- 2. Double-click the program file icon "VSI2312E.EXE".
- 3. When this Software is started, a dialog will be opened as shown below.



4. Set parameters on "Setup Panel" window.

Writing data..... File data

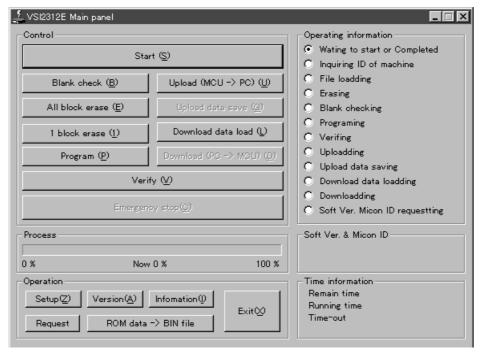
Enter new version-up data name (XXXX.mot) with full path. You can also use "Browse..." button on the "Setup panel" to select the file name and location of the new version-up data.

Target machine ID check..... Off

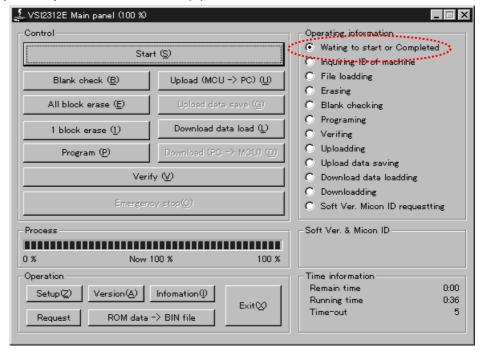
Port Set the port which RS-232C Cable is connected to PC.

Parity...... None

5. When settings on the "Setup panel" is completed, click "OK(O)" button. "VSI212E Main panel" will be opened as shown below.



- 6. Click "Start (S)" button on the "Main panel" window, (Click "Exit" button to quit, Click "Setup (Z) to RETURN to Setup panel")
- 7. After erasing data of the Flash memory, New version-up data will be written to the Flash memory. While processing, progress status can be confirmed by means of "Process" indicator. If the Indicator doesn't advance for some reason, click "Emergency stop (C)" button and then confirm settings.
- 8. When Process bar reaches at 100% position and "Waiting to start or Completed" indicator is marked, Version-up is completed, then click "Exit (X)" button.



- 9. Turn off the power of DC power supply and then set the power SW of camcorder to off. (In this situation, Power SW should not work.)
- 10. Disconnect VFK1304A and then turn on the power of camcorder.

16-4. Version Upgrading for SERVO P.C.Board

16-4-1. Connection

- 1. Connect RS-232C Cable between connector P2 on VFK1304A and COM1 port on PC. (Refer to Figure. 16-2.)
- 2. Connect Flat cable between connector P1 on VFK1304A and connector P9811 on VTR MOTHER P.C.Board, and then set SW1 on VFK1304A according to Figure. 16-1.

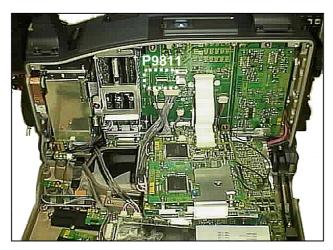


Figure 16-3 Operation side of the Unit

- 3. Turn on the power of camcorder and then boot up PC (MS-DOS mode).
- 4. Copy all files of version-up data and SERVO Version upgrade software (VFK1503) to the same directory.

SERVO Version upgrade software (VFK1503) "fw103u.exe"
SERVO Version upgrade data "vsiXXXX.obf"
"vsiXXXX.bat"
"vsiXXXX.ex"

- 5. Type "vsixxxx.bat" and then hit RETURN key.
- 6. Type "Y" and then hit RETURN key after display message "DO YOU CONTINUE? Y / N>".
- 7. Data transfer will be started.
- 8. After data transfer is finished, turn off the power of the Unit.
- 9. Disconnect VFK1304A.
- 10. Turn on the power of camcorder and then confirm software version.

^{*} Windows95, Windows98 and MS-DOS are either registered trademarks of Microsoft corporation in the United States and/or other countries.

17. Blemish Compensation Method

Features

- a) Possible to compensate each color signal individually (R, G and B). (Total amount : 256 points)
- b) It is possible to compensate blemish without extra equipment (PC, Service fixtures etc.).
- c) Automatic blemish compensation function. Also it is (possible to manual compensate too.)

17-1. Preparation

1. Need about 2-hours aging before start an adjustment.

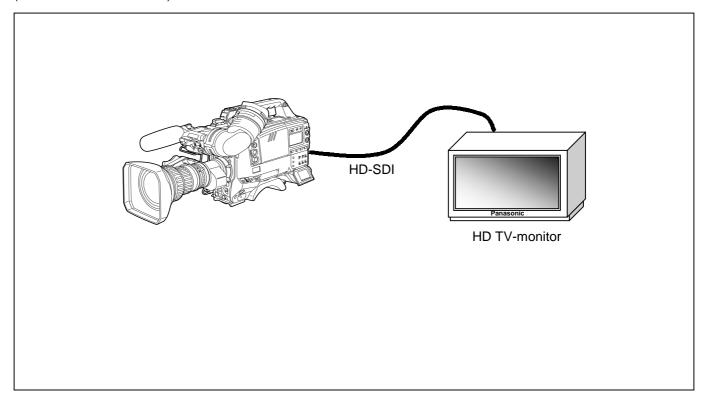
2. Set WHITE BAL SW, CC and ND filter wheels as shown below.

WHITE BAL SW: PRST
CC FILTER: Position "B"
ND FILTER: Position No. "1"

3. Close LENS Iris and then execute "ABB" by the front switch.

17-2. Connection

To facilitate blemish compensation's work, connect the camcorder and the HD TV-monitor through HD SDI output. (With 75-ohm termination.)



17-3. Compensation flow

The AJ-HDC20AMC has Automatic blemish compensation function. Execution procedure of Automatic compensation is shown below.

<DEFECT COMPENSATION>menu setting



Execute automatic compensation "<ENTRY (AUTO)> menu"



Automatic Blemish detection through compensation in whole screen.



Result confirmation (at TV monitor)



Fine adjustment by cursor manually.

(Only when it cannot compensate completely by automatic compensation)



Store result of compensation (To built-in Memory)

(Only when executed manual adjustment)

17-4. Compensation Procedures

17-4-1. Initial setting (Menu setting of DEFECT COMPENSATON page)

Before start an adjustment, Set items (CAM SERVICE level) following portion. (portion , Sometimes it isn't possible to compensate blemish (es) in case of wrong setting.)

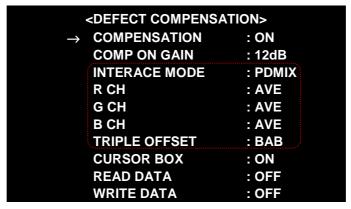


Figure 17-1 Defect Compensation page

17-4-2. Execution of Automatic compensation (ENTRY (AUTO) page)

- 1. Open the "<DEFECT COMPENSATION> page" in CAM SERVICE level.
- 2. Set "COMP ON GAIN" item to desired gain value. (Compensation works in the gain beyond the value set up in this item.)
- 3. Open the "<ENTRY (AUTO) page>" in CAM SERVICE level.
- 4. Set the automatic compensation signal level (contrast ratio *1) with "PICKUP LEVEL R/ G or B" items. The AJ-HDC20AMC detects blemish which bevel is more than the specified level by this set up.

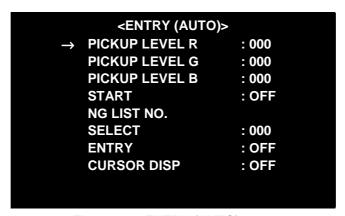


Figure 17-2 ENTRY (AUTO) page

*1 contrast ratio: blemish signal level patio at the Built-in color bars signal is 100%.

- 5. Set "START" item to ON by JOG DIAL in the unit. By this operation, The unit will execute blemish detection for compensation in whole screen, automatically. And while executing automatic compensation, blink "PICKUP" character on the lower right of the screen. (It takes about 30 seconds)
- 6. When "OK" character appears in the place of "PICKUP", automatic compensation is completed.
- 7. Close menu screen and then turn off the power of the Unit. (Compensation result will be stored in the built-in memory of the Unit automatically.)

17-4-3. Result confirmation

After execution of automatic compensation the number of detection result and the number of blemish which wasn't compensated will be displayed in lower part of "ENTRY (AUTO)" page as the result status table. (Refer to Figure 17-3) Please confirm whether all blemishes were compensated with this status display by viewing the TV-monitor. As the standard of a confirmation, Blemish compensation specification is shown below.

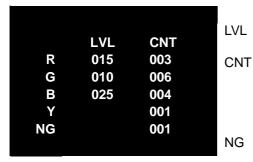


Figure 17-3 Result status table

: Display PICKUP LEVEL menu item's value

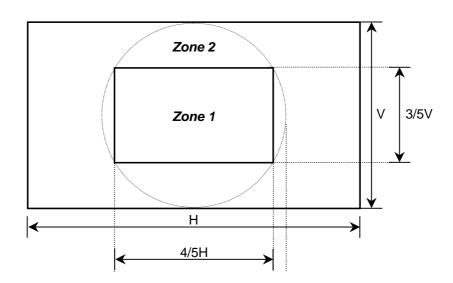
: The number of the points which were detected and compensated as blemish(es). (Display the each color, "Y" shows two or more blemishes were detected at the same position)

: The number of the position because that was which wasn't compensated in "compensation inhibition position (refer to 17-6.)".

Observation environment

Measurement part	HD SDI OUT connector
Circumstance temperature	25°C (77°F)
GAIN setting	+18dB
AWB SW setting	PRST (PRESET)
SETUP level	0%

Specification



Contrast ratio*1	Zone 1	Zone 2
0% - 8%	No count	No count
8% - 13%	less than 2	less than 2
13% - 15%	0	less than 2
15% or more	0	0

^{*1} Contrast ratio: blemish signal level patio at the Built-in color bars signal is 100%.

<u>17-4-4. Manual compensation procedure</u>

In case it couldn't compensate all blemish in automatic compensation, it is also possible to perform blemish compensation manually by using cursor. Following shows concrete manual compensation procedures by the case required.

1) Manual compensation for position which was not detected automatically

- 1. Close LENS iris and then execute "ABB" by front switch.
- 2. Open the "<DEFECT COMPENSATION> page" in CAM SERVICE level.
- 3. Set "COMP ON GAIN" item to desired gain value. (Compensation works in the gain beyond the value set up in this item.)
- 4. Open the "<ENTRY (MANUAL) page>" in CAM SERVICE level.
- 5. Set menu items are shown below.

DEFECT SIZE : 3 GAIN : OFF

6. Set "DEFECT COLOR" item to R / G / B or Y, according to color of blemish. (If two or more color of blemish appear in the same position, select "Y".)

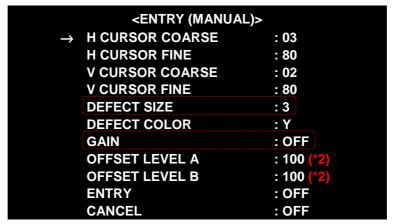


Figure 17-4 ENTRY (MANUAL) page

- 7. Observe TV-monitor and then adjust "H CURSOR COARSE and FINE" item so that the H cursor position comes to target blemish.
- 8. Observe TV-monitor and then adjust "V CURSOR COARSE and FINE" item so that the V cursor position comes to reduce the blemish.
- 9. Set "ENTRY" item to ON.
- 10. When "ENTRY" character appears on the lower right of the screen, data store will be completed.
- 11. Close menu screen and then turn off the power of the Unit.

NOTE

^{*2 &}quot;OFFSET A, B" menu items don't work in current camera system control software Version M2.00-00-0.21, as of September/'01. (A future schedule is undecided.)

II) When compensation is fully impossible

In this case, there are two solutions by manual compensation.

- a) Re-setup of PICKUP LEVEL
 - 1. Open "<ENTRY (AUTO)>" page in CAM SERVICE level.
 - 2. Re-Setup "PICKUP LEVEL R/G or B" items to level down (down detection level).
 - 3. Execute automatic compensation again. (Set "START" item in "<ENTRY (AUTO)>" page to ON.)
- b) Fine adjustment of cursor position
 - 1. Open "<EDIT / DELETE>" page in CAM SERVICE level.
 - 2. Select Defect number desired position of fine cursor adjustment by "DEFECT NO." item.
 - 3. Set "DELETE" item to ON (turn JOG DIAL) and then press JOG DIAL.
 - 4. Open "<ENTRY (MANUAL)>" page in CAM SERVICE level.
 - 5. Set menu items are shown below.

DEFECT SIZE : 3 GAIN : OFF

6. Set "DEFECT COLOR" item to R / G / B or Y, according to color of blemish. (When two or more color of blemish appear in the same position, select "Y".)

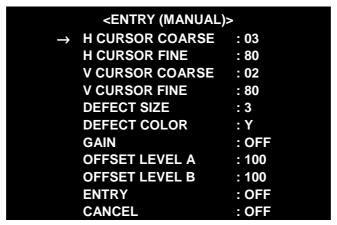


Figure 17-5 ENTRY (MANUAL) page

- 7. Observe TV-monitor and then adjust "H CURSOR COARSE and FINE" item so that the H cursor position comes to target blemish.
- 8. Observe TV-monitor and then adjust "V CURSOR COARSE and FINE" item so that the V cursor position comes to reduce the blemish.
- 9. Set "ENTRY" item to ON (turn JOG DIAL) and then press JOG DIAL.
- 10. When "ENTRY" character appears on the lower right of the screen, data store will be completed.
- 11. Close menu screen and then turn off the power of the Unit.

17-5. Remarks

17-5-1. Delete all cursor position data in the built-in memory

- 1. Open "<EDIT / DELETE>" page in CAM SERVICE level.
- 2. Set "ALL DATA CLEAR?" item to ON by JOG DIAL operation.
- 3. Set "REALY ALL CLEAR?" item to ON by JOG DIAL operation.
- 4. When "ALL CLR" character appears on the lower right of the screen, data deletion will be completed.
- 5. Close menu screen and then turn off the power of the Unit.

17-5-2. Delete registered data one by one

- 1. Open "<EDIT / DELETE>" page in CAM SERVICE level.
- 2. Select "DEFECT NO." to desired position of cursor.
- 3. Set "DELETE" item to ON by JOG DIAL operation.
- 4. When "DELETE" character appears on the lower right of the screen, data deletion will be completed.
- 5. Close menu screen and then turn off the power of the Unit.

17-5-3. Change Parameter about blemish compensation

- 1. Open "<EDIT / DELETE>" page in CAM SERVICE level.
- 2. Select "DEFECT NO." to desired position of cursor.
- 3. Change some parameters in "<EDIT / DELETE>" page (DEFECT COLOR, DEFECT SIZE etc.).
- 4. Set "CHANGE" item to ON by JOG DIAL operation.
- 5. When "CHANGE" character appears on the lower right of the screen, data change will be completed.
- 6. Close menu screen and then turn off the power of the Unit.

17-5-4. About the position inhibited to register the compensation data

Depending on the position for the blemish compensation, blemish compensation doesn't work properly. In that case, it display "NG" on the lower right position on the screen and inhibit registration of the blemish compensation position. The condition "a)" is shown below.

a): position of V CURSOR is the same line of the blemish compensated position and H cursor is +/- 2.

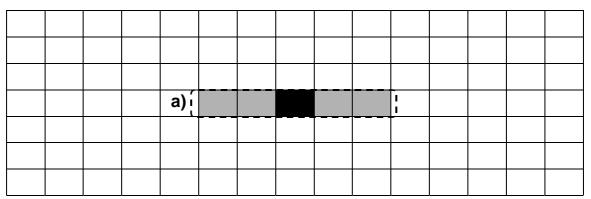


Figure 17-6 The position inhibited to register the compensation data

: Registered blemish compensation position

: Registration inhibited position

17-6. Trouble Shooting

Symptom	Cause	Check point
Blemish can't be compensated	Wrong setting of fixed setting	<defect compensation=""> page has items which must have</defect>
even COMPENSATION item	item.	fixed setting.
on menu is set to "ON".		Confirm if those items are fixed as factory default. (See "17-4-1.
		Initial Setting" for details.)
Blemish compensation position	DEFECT No. is changed.	DEFECT No. is automatically set from top left of monitor by the
number (DEFECT No.) is		direction of scanning. Therefore when new compensation
different from before.		position is registered, another DEFECT No. may be changed.
"NG" display appeared on the	Tried to execute registration	Refer to the "17-5-4. About the position inhibited to register the
lower right of the screen when	for the registration prohibited	compensation data" page.
trying to register a blemish	position.	
compensation position.		

17-7. FAQ (Frequently Asked Question)

17-7. FAQ (Frequently Asked Question)				
Question	Answer			
When execute blemish	• In the AJ-HDC20AMC, GAIN setting while the blemish compensation used by only MENU setup.			
compensation, Which	Therefore you don't have to set GAIN SW to some position.			
should I set to position	• By setting value of "COMP ON GAIN" item in the <defect compensation=""> page, it is</defect>			
of GAIN SW on the	possible to enable compensation in case of level more than the setting value on "COMP ON			
unit?	GAIN" item.			
	• When you want to enable the blemish compensation in all GAIN SW positions, Set "GAIN" item			
	in the ENTRY (MANUAL) menu page to OFF.			
Can I store the blemish	• Yes			
compensation data as	• Normally, blemish compensation data is stored in IC201 (NV RAM) on the CAM_SYS P.C.Board.			
backup to some place?	• The AJ-HDC20AMC is possible to store and read all blemish compensation data in IC202 (Fla			
	memory) on the CAM_SYS P.C.Board as the BACKUP. by following operation in the DEFECT			
	COMPENSATION menu page.			
	DATA WRITE: Set "READ DATA" item to ON.			
	DATA READ: Set "WRITE DATA" item to ON.			
	Blemish compensation data is not stored to any extra media (SD CARD etc.)			

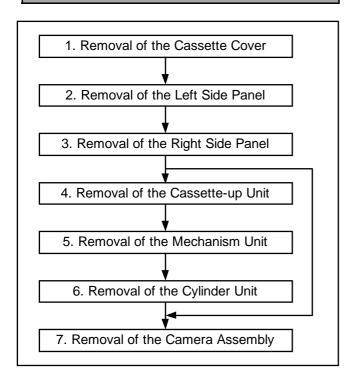
DISASSEMBLY PROCEDURES

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	1-2. Removal of the Left Side Panel	.DIS-
	1-3. Removal of the Right Side Panel	. DIS-
	1-4. Removal of the Cassette-up Unit	. DIS-2
	1-5. Removal of the Mechanism Unit	. DIS-2
	1-6. Removal of the Cylinder Unit	. DIS-
	1-7 Pamoval of the Camera Assembly	-פוח

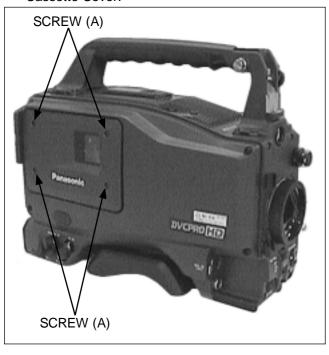
1. Disassembly Procedures

Disassembly Procedures Flowchart



1-1. Removal of the Cassette Cover

 Unscrew the 4 screws (A) and remove the Cassette Cover.



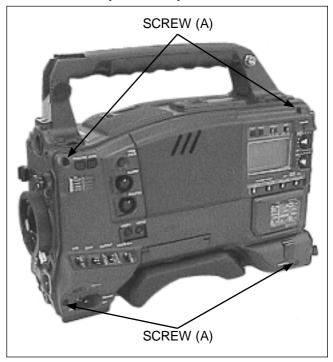
1-2. Removal of the Left Side Panel

1. After remove the Cassette Cover, loosen the 5 screws (A) and remove the Left Side Panel.



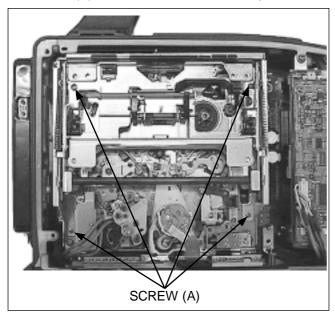
1-3. Removal of the Right Side Panel

1. Loosen the 4 screws (A) and open the Right Side Panel toward you carefully.



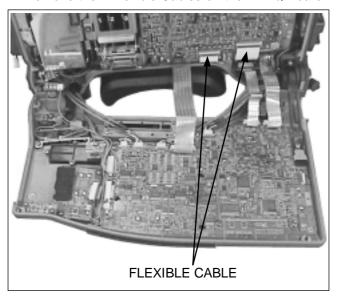
1-4. Removal of the Cassette-up Unit

1. After remove the Left Side Panel, unscrew the 4 screws (A) and remove the Cassette-up Unit.

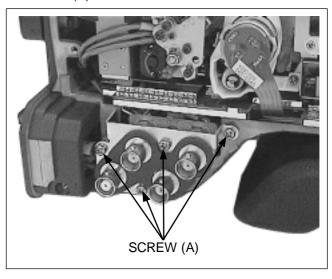


1-5. Removal of the Mechanism Unit

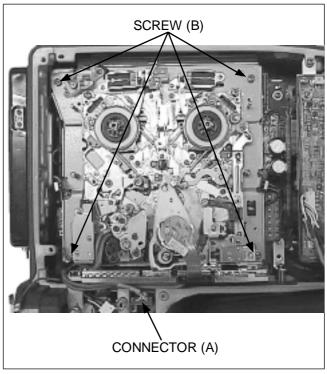
1. After open the Right Side Panel toward you, remove the 2 Flexible Cables on the RFEQ Board.



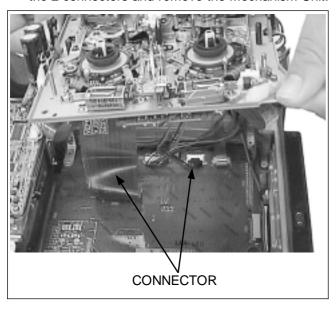
2. After remove the Left Side Panel, unscrew the 4 screws (A) and remove the BNC Terminal Unit.



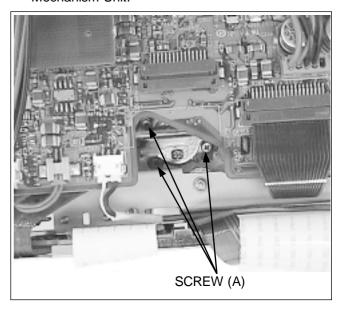
3. Remove the Connector (A) and unscrew the 4 screws (B).



4. Lift up the Mechanism Unit carefully, disconnect the 2 connectors and remove the Mechanism Unit.

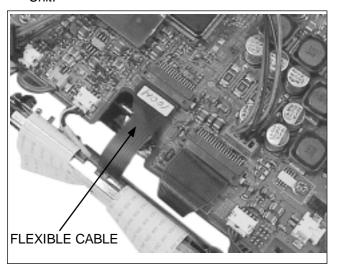


2. Unscrew the 3 screws (A) on the back side of the Mechanism Unit.

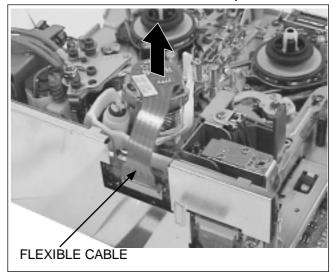


1-6. Removal of the Cylinder Unit

 After remove the Mechanism Unit, remove the Flexible Cable on the back side of the Mechanism Unit.

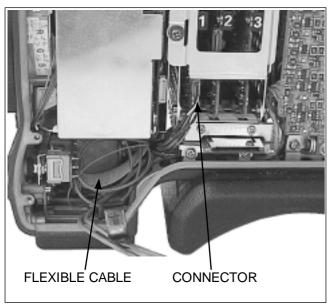


3. Disconnect the Flexible Cable on the top side of the Mechanism Unit and remove the Cylinder Unit.

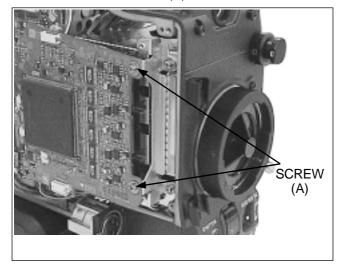


1-7. Removal of the Camera Assembly

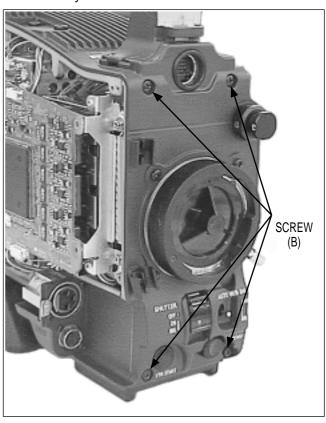
1. Disconnect the Flexible Cable and Connector.



2. Unscrew the 2 screws (A).



3. Unscrew the 4 screws (A) and remove the Camera Assembly.



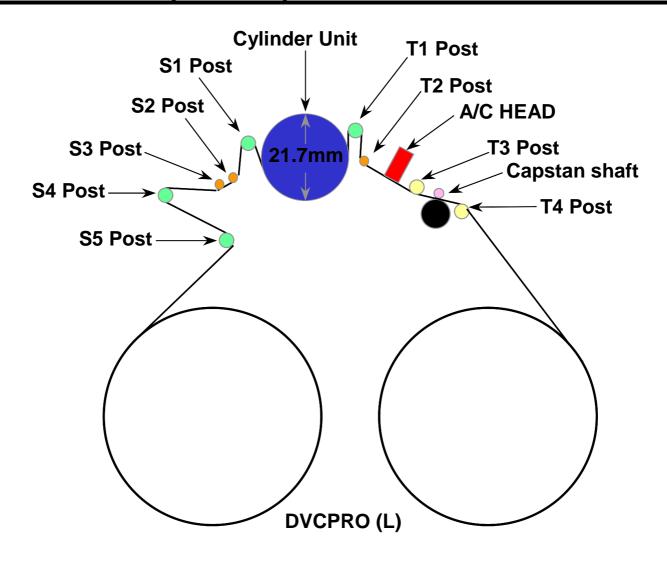
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1. Name of Tape Transportation



:VFK1149 (Post Driver)

:VFK1151 (Nut Driver)

NAME	LIMIT
S1 Post	UPPER
S2 Post	FIXED
S3 Post	FIXED
S4 Post	LOWER
S5 Post	LOWER
T1 Post	UPPER
T2 Post	FIXED
T3 Post	LOWER
T4 Post	LOWER

2. Table of Test Point

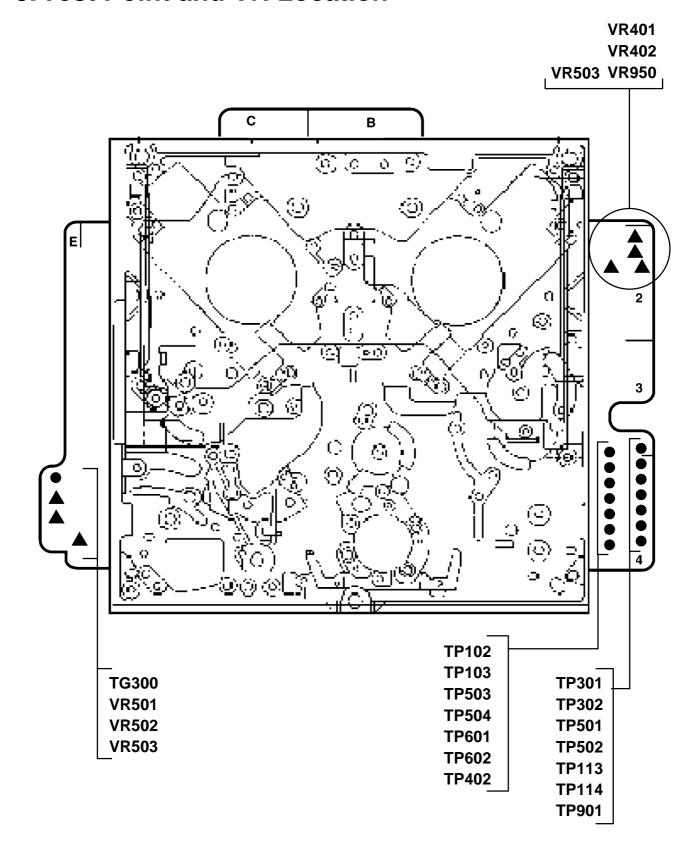
<Table of Test Point>

Name			AJ-HDC20AMC
[Reel Torque			
S-REEL		output Voltage	SERVO C.B.A : TP301
		tment Point	SERVO C.B.A : VR502
T-REEL	Reel	output Voltage	SERVO C.B.A : TP302
	Adjus	tment Point	SERVO C.B.A : VR501
		IND	SERVO C.B.A : TG300
[Tension Arr	n Adjust	tment]	
TENSION			SERVO C.B.A : TP402
TENSION OF	FSET		SERVO C.B.A : VR402
TENTION GA			SERVO C.B.A : VR401
[Photo Sens	or Volta	ge Adjustment]	
S-REEL		Sensor Voltage	SERVO C.B.A : TP503
		Adjustment Point	SERVO C.B.A : VR503
T-REEL		Sensor Voltage	SERVO C.B.A : TP504
		Adjustment Point	SERVO C.B.A : VR504
[Tape Path, I	A/C Head	d Adjustment]	
R/P-ENV L13	(ENV A)		HEAD BUFF C.B.A : TP400
R/P-ENV R13	(ENV B)		HEAD BUFF C.B.A : TP401
R/P-ENV L24	(ENV C)		HEAD BUFF C.B.A : TP402
R/P-ENV R24	(ENV D)		HEAD BUFF C.B.A : TP403
R/P-HSW L13	3 (HSW A)	HEAD BUFF C.B.A : TP500
R/P-HSW R13	3 (HSW B	5)	HEAD BUFF C.B.A : TP501
R/P-HSW L24	4 (HSW C)	HEAD BUFF C.B.A : TP502
R/P-HSW R24	4 (HSW D	0)	HEAD BUFF C.B.A : TP503
CUE			CUE C.B.A : TP4
LIVE-CTL			SERVO C.B.A : TP901
FRP			SERVO C.B.A : TP502
[PG SHIFTER	R Adjust	ment]	
TSR			SERVO C.B.A : TP501
SPA L13			SERVO C.B.A : TP102
SPA L24			SERVO C.B.A : TP103
PG SHIFT			Select the EVF on the Service Menu.
			(Refer to below table)
[LISTA Adjus			
ATF ERR L13			SERVO C.B.A : TP601
ATF ERR L24			SERVO C.B.A : TP602
TRG R/P-HSW L13			SERVO C.B.A : TP113
R/P-HSW R24			SERVO C.B.A : TP114
ATF GAIN			Select the EVR on the Service Menu.
			(Refer to following table)

SERVICE NENU Adjustment Mode>

-	ADJUSTMENT MODE	
Adjustment Name	Adj. MODE (and Adjustment VR) • Select by Service Menu	Remarks
T-Reel Torque Adjustment	"T TORQUE"	When set the adjustment mode condition, press the select SW at the EJECT mode.
S-Reel Torque Adjustment	"S TORQUE"	Playback the alignment tape. Then keep
PG Shifter Adjustment	"PG SHIF 100"	pressing the select SW until the value on the EVR is updated.
LISTA Sensitivity Adjustment	"RP GAIN 100"	Test point TRG: HSW L13
LISTA Linearity Adjustment	"RP LIN 100"	

3. Test Point and VR Location



4. Mechanical Adjustment Procedures

4-1. Post Height Pre-adjustment

MODE	EJECT (POWER OFF)
TOOL	VFK1149 or VFK1149A (Post Driver)
	VFK1151 (2.5mm Nut Driver)
	VFK1154 (Post Height Fixture)

- Confirm that the post is in unloading condition.
- Confirm that the Reel Table is located at M-Cassette position.
- 3. Install the Mech. Neutral Plate and adjust each post height to lower limit as following figure.
- 4. Please refer to following table to see Post Driver to be used to adjust each post.

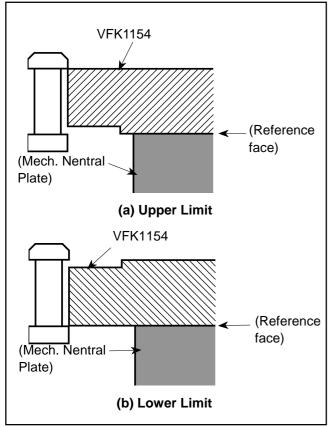


Figure 4-1

Post	Post Driver
S4 & S5 Post	VFK1149 or VFK1149A
T3 & T4 Post	VFK1151

Post	Limit
S4 & S5 Post	Lower Limit + 0.2 ± 0.05mm
	(Turn 1 round more counterclockwise
	from lower limit position.)
T3 & T4 Post	Lower Limit

4-2. Tension Adjustment Flowchart

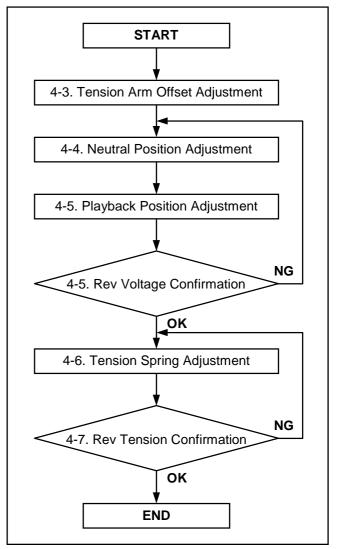


Figure 4-2

4-3. Tension Arm Offset Adjustment

SPEC	2.5 V ± 0.05 V
TEST POINT	Tension: TP402
ADJ.	Tension Offset : VR402
MODE	EJECT
TOOL	Digital Volt Meter

- 1. Confirm that the DC voltage at the test point is within the specification.
- 2. If it is out of spec, Adjust the VR so that the DC voltage is within the specification.

4-4. Tension Arm Neutral Position Adjustment

SPEC	2.5 V ± 0.1 V
TEST POINT	Tension: TP402
ADJ.	Base position of Tension Regulator
	Board
MODE	STOP
TOOL	Digital Volt Meter
	VFK1208 (black with hole)

NOTE:

Do not use magnetized tweezers and Screw Driver

Do not touch the magnetize Screw Driver to S-Reel FG magnet portion, while adjusting the lever (D) portion.

- 1. Remove the Cassette Up Unit.
- 2. Set the VFK1208 (black with hole) at the position as shown in figure 4-4-2.
- 3. Connect the Digital Volt Meter to the test point.
- 4. Place the unit into the no tape loading mode.
- 5. Loosen the screw (A) and move the lever (D) with tweezers to adjust the sensor position so that the DC voltage at Test Point is within the specification.

<For No Tape Loading Procedure>

- Open the "VTR SERVICE 2/3" page of Service Menu.
 - (Refer to Sec 2. SERVICE INFORMATION.)
- 2. select the item "T TORQUE" or "S TORQUE" by turning the JOG Dial Button, and press the JOG Dial Button.
- 3. Start loading and rotate the reel simultaneously. Adjust at this condition.

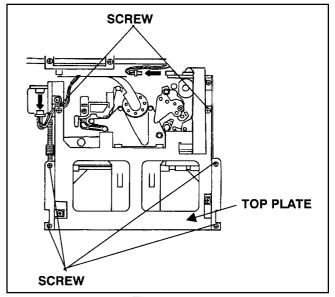


Figure 4-4-1

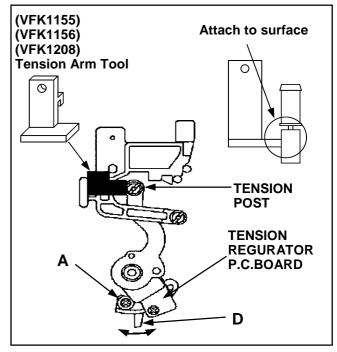


Figure 4-4-2

4-5. Tension Arm PLAY and REV Voltage Adjustment and Confirmation

SPEC	PLAY: 3.8 V ± 0.05 V	
	REV: 1.2 V ± 0.3 V	
TEST POINT	Tension: TP402	
ADJ.	Tension Gain: VR401	
MODE	STOP	
TOOL	Digital Volt Meter	
	VFK1156 (Black: for PLAY position)	
	VFK1155 (Silver: for REV position)	

- Remove the Cassette Up Unit.
- 2. Set VFK1156 (black) at the position as shown in figure 4-4-2.
- 3. Place the unit into the no tape loading mode.
- 4. Confirm that the DC voltage at the test point is within the specification (PLAY).
- 5. If it is out of spec, adjust the VR so that the DC voltage is within the specification (PLAY).
- 6. Set VFK1156 (Silver) at the position as shown in figure 4-4-2.
- 7. Place the unit into the no tape loading mode.
- 8. Confirm that the DC voltage at the test point is within the specification.
- 9. If it is out of spec, perform the Tension Arm Position Adjustment again.

4-6. Tension Regulator Spring Adjustment

SPEC	110 ± 10 mN-m (11 ± 1gf)
TEST POINT	Tension: TP402
ADJ.	Tension Regulator Spring hook (B)
MODE	STOP
TOOL	VFK1188A (Dial Tension Gauge)
	Digital Volt Meter

- 1. Remove the Cassette Up Unit.
- 2. Place the VTR into no tape loading mode.
- 3. Push the tension post to the direction R by the tension gauge as shown in Figure 4-6 until the voltage at the test point becomes 3.8V (If means PLAY position).
- Loosen the screw (C) and adjust the position of hook (B) so that the indication (tension) of gauge is within the specification.

Then fighten the screw (C) and reconfirm tension is within the specification.

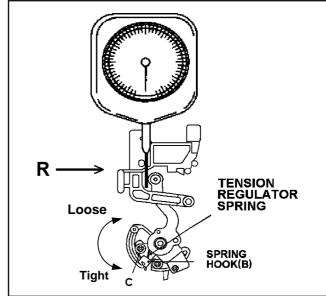


Figure 4-6

4-7. REV Tension Confirmation

SPEC	180mN ± 20mN (18gf ± 2gf)
TEST POINT	Tension: TP402
MODE	STOP
TOOL	VFK1188A (Dial Tension Gauge)
	Digital Volt Meter

- 1. Remove the Cassette Up Unit.
- 2. Place the VTR into no tape loading mode.
- Push the tension post to the direction R by the tension gauge as shown in Figure 4-7 until the voltage at the test point becomes 1.2V (If means REV position).
- 4. Confirm that the indication (tension) of gauge is within the specification. If not, perform the Tension Spring Adjustment again.
- 5. After finish this adjustment, grew the screw (A), (B) and (C). The grew quantity at (B) is half of (A) and (C).
 - Grew for the screw (A) and (C) should be as big as a grain of rice. For the screw (B), it showld be half of that.

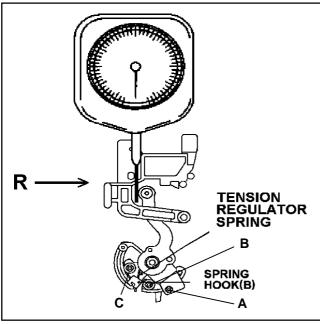


Figure 4-7

4-8. Tension Confirmation

SPEC	PLAY: 0.06N ± 0.01N (6gf ± 1gf)
	REV: $0.09N \pm 0.02N (9gf \pm 2gf)$
MODE	PLAY, REV ×1
TAPE	63 min M size blank tape
	123min. L size blank tape
	(For only L-Cassette playback models)
TOOL	VFK1145A (Tension Meter)

 Please calibrate Tension Meter before tension measurement by the following procedure.

<Calibration of Tension Meter>

- Attach the 7 grams calibration plumb to DVCPRO tape. (It's tape and plumb are included in VFK1145.)
- 2. Set the above tape to the Tension Meter as shown in figure 4-8-1.
- 3. Pull up the tape as speed of 33mm/sec and adjust the Tension Meter so that the meter shows 7 grams (0.07N).
- ◆ To calibrate Tension Meter the tape must be pulled up as the direction of tape path of VTR as shown in figure 4-8-1.

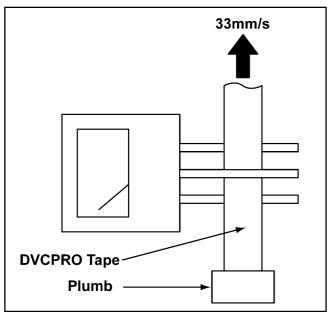


Figure 4-8-1

- 1. Play back the beginning portion of the tape.
- 2. Insert the tension meter between S3 post and S4 post as shown in figure 4-8-2.
- 3. Confirm that the tension value is within the specification.

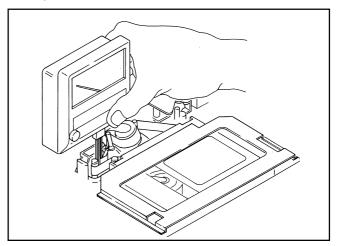


Figure 4-8-2

- 4. Place the unit in REV x1 mode. (To see how to set REV x1 mode, refer to item "4-20. REV (-1) Mode Setting Procedure".
- 5. Insert the tension meter between S4 post and S5 post as shown in figure 4-8-3. (Direction is reverse)
- 6. Confirm that the tension value is within the specification. (Read the meter from rear side as shown in figure 4-8-3.)
- 7. If it is out of specification, please perform the Tension Arm Adjustment.

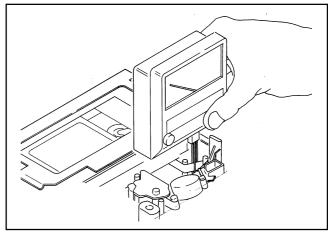


Figure 4-8-3

NOTE: Play attention not to give some tape damage.

4-9. Photo Sensor Voltage Adjustment

SPEC	3.2 VDC ± 0.8 VDC
TEST POINT	S-Reel: TP301
	T-Reel: TP302
ADJ.	VR503: S-Reel
	VR501: T-Reel
MODE	STOP
TAPE	VFK1423
	(Tape Beg./End M Cassette)
	VFK1369
	(Tape Beg./End L Cassette)
M. EQ	Oscilloscope

- Insert the VFK1423 or VFK1369 (For only L-Cassette playback models) and measure the voltage at the test point.
- 2. Adjust the VR or Dip SW so that the A portion of DC voltage is within the specification as shown in figure 4-9.

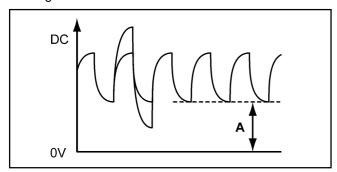
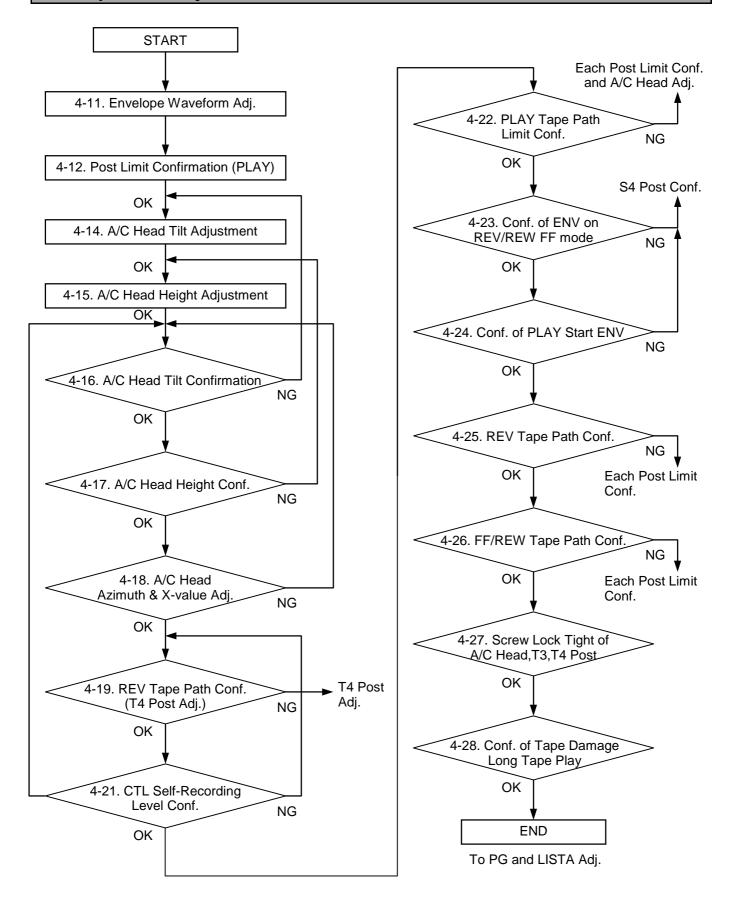


Figure 4-9

4-10. Tape Path Adjustment Procedure



4-11. Envelope Waveform Adjustment

SPEC	V1/Vmax, V2/Vmax, V3/Vmax ≥ 0.8
TEST	TP400 (R/P-ENV L13): HEAD BUFF
POINT	TP401 (R/P-ENV R13): HEAD BUFF
	TP500 (R/P-HSW L13): HEAD BUFF
	TP401 (R/P-HSW R13): HEAD BUFF
ADJ.	S1, T1 Post Height
MODE	PLAY (ATF)
TAPE	VFM3680KL
M.EQ	Oscilloscope
TOOL	VFK1149 or VFK1149A (Post Driver)
	VFK1185 (BER COUNTER)
	VFK1158A (BER COUNTER CABLE)

< To confirm the ENV Lch >

Connect the BER COUNTER CABLE to P4 connector on RF P.C.Board.

< To confirm the ENV Rch >

Connect the BER COUNTER CABLE to P5 connector on RF P.C.Board.

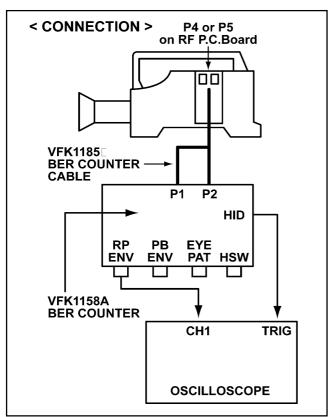


Figure 4-11-1

[Adjustment Procedure]

- 1. Adjust both channels envelope by connecting the test point Lch and Rch alternately.
- 2. Playback the alignment tape.
- 3. Adjust S1 and T1 post height so that the envelope signal is within the specification.
- 4. To adjust the S1 or T1 posts, at first raise the post height. Then the envelope at the entrance or exit side becomes small. Then down the post hight until envelope becomes flat.
- 5. As the order of adjustment, adjust T1 post to make it flat at exit side of envelope first and then adjust S1 post.
- 6. After finish this adjustment, unload the tape and load the tape again, then confirm the shape of Envelope waveform does not change.

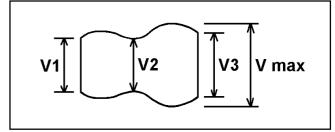


Figure 4-11-2

4-12. Post Limit Confirmation (PLAY)

SPEC	Post limit is shown in the following table.	
	Curl does not appear on tape edge	
MODE	PLAY	
TAPE	Blank tape	
TOOL	VFK1149 or VFK1149A (Post Driver)	
	VFK1151 (Nut Driver)	

- Confirm that the tape path limit meets specification in following table. If not, adjust it.
 Confirm that the D, E and F condition do not
- appear on the tape as shown in figure.

Post	Limit	Adjustment Method	
S5	Lower limit or Free	Refer to Post Height	
S4	Lower Limit	Pre-Adj.	
S1	Upper Limit	Envelope waveform	
T1	Upper Limit	Adj.	
Т3	Lower Limit	Post Height Pre-Adj.	
T4	Upper, Free or		
	Lower limit		

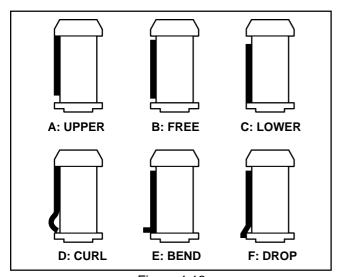


Figure 4-12

4-13. A/C Head Adjustment

Adjustment item	SCREW	Adjustment Method	Torque
Tilt adjustment	А	①. Adjust screw A after loosen screw G.	
		Tighten direction : Decrease Cue level	
		Loosen direction : Increase Cue level	None
		②. Tighten screw G after finish adjustment screw A.	
		(refer to following item "Azimuth adjustment & fix")	
Azimuth	F	①. Phase is adjusted by screw F after loosen screw G	
adjustment		②. Tighten screw G after finish adjustment screw F.	None
		(refer to below item "Azimuth adjustment & fix")	
Azimuth	G	Screw (G) must be always tightened during adjustment except Tilt and Azimuth	10cN-m
adjustment &		Adjustment.	
fix			(1.0Kg-cm)
Height	В	Tighten direction : In case of increase CTL, when A/C Head Press down.	
adjustment		Loosen direction: In case of increase CTL, when A/C Head lift up	None
		NOTE: Please refer to figure 4-13-3 for the portion to lift up and press	none
		down A/C Head.	
Fix height	Н	After height adjustment, tighten the screw (H) to fix height of A/C Head.	
		Normally the CUE level is decreased, when the screw (H) is tightened. In this	19.6cN-m
		case, loosen the screw (H) 10 to 15 degree from the position tightened to keep	(2.0Kg-cm)
		the maximum CUE level.	
X-value	C, D	①. Adjust X-value at Hole (E) by VFK0357, then tighten the screw (C) and (D) to	
adjustment		fix A/C Head horizontal position.	24.6cN-m
		②. Hit gently at the portion of A/C Head Top Plate as shown in figure 4-13-4 to	(2.5Kg-cm)
		confirm the phase shift.	

SCREW	Tool for adjustment	
Α	VFK1178 (0.89mm Hex Driver)	
В	VFK1150 (5.5mm Nut Driver)	
F	VFK1148 (1.5mm Hex Driver)	
C, D, G	VFK1209A (Torque Driver), VFK1148 (1.5mm Hex Driver)	
	VFK0912 or 1375 (1.5mm Post Axis Driver)	
Н	VFK1190 (1.5mm L type of Hex Wrench)	

 For Tilt and Azimuth adjustment, loosen the screw (G) first and tighten the screw (G) after finish adjustment. And if need to turn the screw (A) and (F) too much for adjustment, tighten screw (A), (F) and (G) alternately.

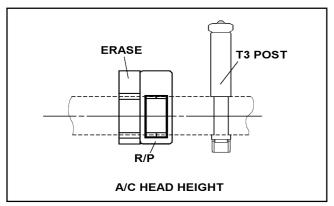


Figure 4-13-1

- 2. Perform the Height and X-value adjustment under the screw (G) tightened completely.
- 3. Be careful the tape damage at T3 Post, when adjust tilt of A/C Head. (refer to figure 4-13-1)

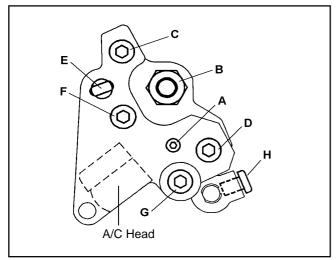


Figure 4-13-2

Confirm the screw (A) isn't loose, before perform A/C Head Tilt adjustment. The screw (A) should be always touch to top of A/C Head.

 When the height of A/C Head is adjusted by the Nut (B), the screw (H) should be loosen first. And after height adjustment finished, tighten the screw (H) lightly.

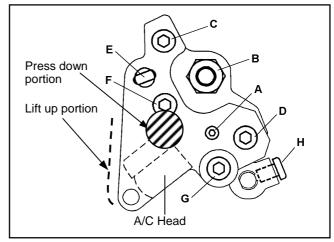


Figure 4-13-3

- 5. After finish X value adjustment, hit the portion (L) lightly and confirm the specification of X-value.
- 6. Each adjustment of A/C Head should be finished at the condition of tightening the each adjustment screw. And hit the portion (L) lightly to release the distortion of A/C Head plate.

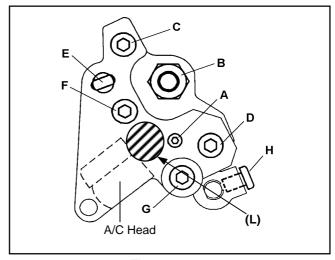


Figure 4-13-4

4-14. A/C Head Tilt Adjustment

SPEC	Curl does not appear on tape edge.						
	Lower limit at T3 post						
ADJ.	SCREW A, G (A/C Head)						
MODE	PLAY						
TAPE	Blank tape (For the long time play models,						
	long time recorded tape should be used)						
TOOL	VFK1148, VFK1178 (Hex Driver)						

- 1. Play back the tape and adjust the screw (A) for adjustment of A/C Head tilt so that the tape path has lower limit without curl at T3 post.
- 2. For adjustment, loosen the screw (G) and make curl on tape at lower flange of T3 post by loosening screw (A). And tighten the screw (A) accordingly to find the point of curl disappeared. After finish adjustment for screw (A), tighten the screw (G) with 10cN-m (1.0Kg/cm) of torque.

NOTE:

- 1. In case of turn clockwise the screw (A).
 - \rightarrow Tape goes up at T3 post. In case of turn counter-clockwise the screw (A).
 - → Tape goes down at T3 post.
- 2. When the screw (A) adjustment is finished, screw adjustment should be finished in tightening direction. And confirm that the screw (A) isn't loose.
- Adjustment and confirmation should be performed alternately for each A/C head adjustment (Azimuth and Height).

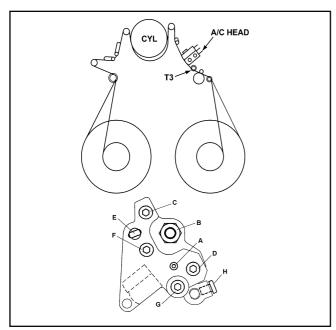


Figure 4-14

4-15. A/C Head Height Adjustment

SPEC	C1, C2 ≥ 1.6V					
TEST	CUE AUDIO: TP4					
POINT	CTL: TP901					
ADJ.	SCREW B, H (A/C Head)					
MODE	PLAY					
TAPE	VFM3680KL					
	(14 to 22min)					
TOOL	VFK1150 (Nut Driver)					
	VFK1190 (Hex Wrench)					

- 1. Press and Lift up A/C Head lightly as indicated in following figure, then confirm that the CTL and CUE output level is within the specification.
- 2. If it is out of spec., loosen the screw H and adjust the screw B until Cue output is maximized.
- 3. Confirmation of the level have to be done after the screw (H) is tighten completely. (refer to A/C Head Adjustment Method)
- 4. A/C head height adjustment should be done with Azimuth and X Value adjustment alternately.

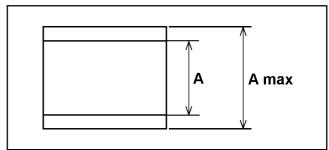


Figure 4-15-1

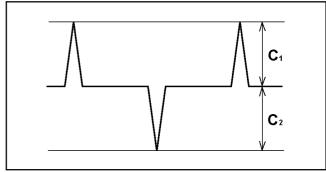


Figure 4-15-2

4-16.A/C Head Tilt Confirmation

SPEC	A/Amax ≥ 0.8					
TEST	CUE AUDIO: TP4					
POINT						
ADJ.	SCREW A, G (A/C Head)					
MODE	PLAY					
TAPE	VFM3680KL (14 to 22min)					
TOOL	VFK1178, VFK1148 (Hex Driver)					

- 1. Playback the Alignment tape.
- 2. Confirm that the screw (G) and (H) are not loose.
- Push the tension post the arrow (B) direction as shown in following figure without moving T2 post. And confirm that the CUE output level is within the specification.
- 4. If out of specification, loosen the screw (G) and adjust the screw (A) (refer to item "4-14 A/C Head tilt Adjustment".)
- 5. After adjustment performed, confirm the tape path condition by following Post Limit Confirmation procedure (item 4-12).

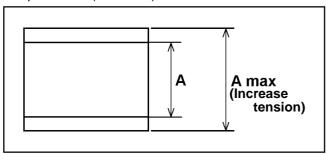


Figure 4-16-1

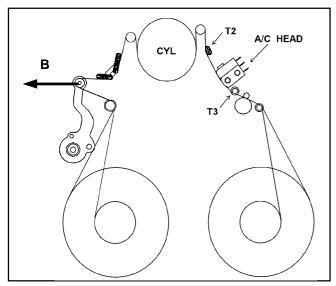


Figure 4-16-2

4-17.A/C Head Height Confirmation

SPEC	C1, C2 ≥ 1.6V						
TEST	CUE AUDIO: TP4						
POINT	CTL: TP901						
ADJ.	SCREW B, H (A/C Head)						
MODE	PLAY						
TAPE	VFM3680KL (14 to 22min)						
TOOL	VFK1150 (Nut Driver)						
	VFK1190 (Hex Wrench)						

- 1. Press and Lift up A/C Head lightly as indicated in following figure, then confirm that the CTL and CUE output level is within the specification.
- 2. If it is out of spec., loosen the screw (H) and adjust the screw (B) until Cue output is maximized. (refer to item "4-15 A/C Head Height Adjustment".)

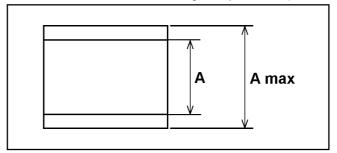


Figure 4-17-1

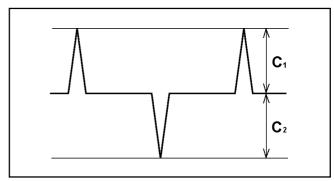
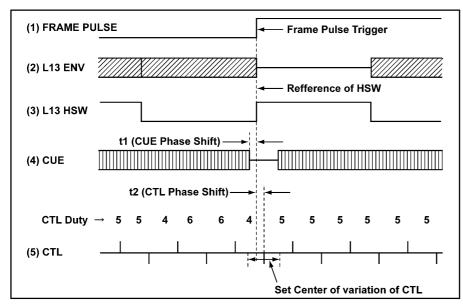
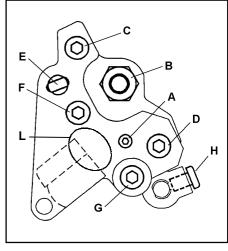


Figure 4-17-2

4-18. A/C Head Azimuth and X Value Adjustment

SPEC	As shown in figure below	TEST	R/P-ENV L13: TP400		R/P-HSW L13: TP500	
		POINT	R/P-ENV R13	: TP401	R/P-HSW R13: TP501	
	-250µs ≤ t1, t2 ≤ +250µs		R/P-ENV L24: TP402		R/P-HSW L24: TP502	
			R/P-ENV R24:	: TP403	R/P-HSW R24: TP503	
			CUE: TP4	CTL: TP901	FRAME PULSE: TP502	
ADJ.	A/C Head each screw (C,D,F,G)	M. EQ	Oscilloscope			
	and hole (E)					
MODE	PLAY (Frame synchronized mode)	TOOL	VFK0357 (Eccentric Driver)			
TAPE	VFM3682KL		VFK1148 (Hex Driver)			
			VFK1209A (Torque Driver)			
CTL Refe.	Falling edge		VFK0912 or VFK1375 (Hex Bit)			





- 1. Open the page "VTR SERVICE 2/3" on service menu and set "X VALUE SET" to ON.
- 2. Confirm that the phase of CUE and CTL are within the specification against Frame pulse trigger. If it is out of spec., perform adjustment as following procedure.
- 3. Confirm that the phase of CTL match with non-recorded portion of CUE (t2) in the phase. If not, adjust the screw (F) so that the phase is within the specification. (Refer to "4-13. A/C Head Adjustment Method").
- 4. Confirm non-recorded portion of envelope, and select the HSW to meet with it (L ch of tape with non-recorded portion meets HSW high).
- 5. Adjust A/C Head Horizontal position so that the HSW and CTL trigger at the frame start is match in the phase (t1). The frame start CTL is located at the edge between 6: 4 and 5: 5 portion. To adjust A/C Head Horizontal position, loosen the screw (C) and (D), adjust the hole (E) by VFK0357. After adjustment tighten the screw (C) and (D) with 24.6cN-m (2.5Kg) torque. At this time adjust the phase simultaneously with Azimuth so that the CTL and CUE phase is kept.
- 6. Hit the top plate (portion L as shown in figure) of A/C Head lightly by a pointed end of Eccentric driver, and then confirm the phase is not shifted finally.

4-19.REV Tape Path Confirmation and Adjustment (T4 Post Height Adjustment)

SPEC	①. C1, C2 ≥ Cp1, Cp2×0.75 NOTE: C1, C2: CTL output REV (-1) mode Cp1, Cp2: CTL output PLAY (+1) mode. ②. Lower limit at T3 post on REV mode.
	③. Curl does not appear on tape at T3 and T4 post.
TEST	CTL: TP901
POINT	
ADJ.	T4 post height
MODE	PLAY, REV-1X (SHTL)
TAPE	VFM3680KL
TOOL	VFK1150 (Nut Driver)

- Place unit into REV X1 mode and confirm the CTL output level becomes more than 75% at play mode. Confirm the tape path limit becomes lower limit at T3 post and the tape does not have curl at T3 and T4 post.
- 2. If it is out of specification, adjust T4 post by following procedure.
- Turn the Nut of T4 post clockwise or counterclockwise by the tape limit condition at T3 post. The maximum rotation angle should be 45 degree.
- 4. However if still it is out of specification, adjust T4 post height by following the item "4-1. Post Height Pre-adjustment procedure".

[T4 Nut Adjustment Direction]

Direction	CTL Level	Condition of lower limit on T3 Post	
Tighten	Increase	Tape touch to strong	
Loosen	Decrease	Tape touch to weak	

[Post limit]

Post	Α	В	С	D	Е	F
T3	NG	NG	OK	NG	NG	NG
T4	OK	OK	OK	NG	NG	NG

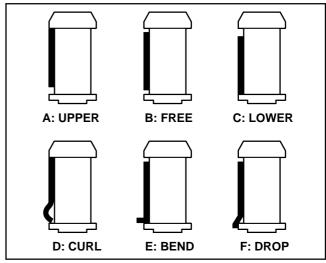


Figure 4-19-1

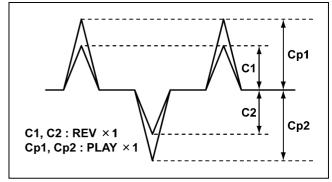


Figure 4-19-2

4-20. REV (-1) Mode Setting Procedure

- Set the VTR to STILL mode by press "PLAY" button twice.
- 2. Press "PLAY" and "RESET" button simultaneously.

NOTE: Above setting only apply to item "REV Tape Pass Confimation and Adjustment (T4 post height adjustment)". All models should be set to 25M mode with REV (-1) speed playback.

4-21.CTL Self Recording Level Confirmation

TEST POINT	CTL: TP901					
ADJ.	T4 post height					
SPEC.	C1, C2 ≥ 1.6 V: PLAY					
	C1, C2 ≥ 1.2 V: REV X1					
MODE	PLAY, REV×1					
TAPE	Blank Tape					
M.EQ	Oscilloscope					

- Please confirm that the each screws are fixed on A/C Head.
- 2. Place Unit into REC mode and playback the recorded portion.
- 3. Confirm that the CTL level is within the specification at PLAY and REV mode.
- 4. If CTL level is out of specification at PLAY mode, confirm the height of A/C Head (refer to item "3-17. A/C Head Height Confirmation")
- If CTL level is out of specification at REV mode, confirm the height of T4 Post (refer to item "3-19. REV Tape Path Confirmation and Adjustment").

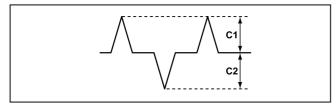


Figure 4-21

4-22. Play Tape Path Limit Confirmation

SPEC	EC Each post limit shown in figure below.							
MODE PLAY								
TAPE	VFM3680KL or Blank Tape							

Post Name		Tape li	imit (re	efer to	figure)	1	Adjustment	Adjustment
FOSI Name	Α	В	С	D	Е	F	Point	Item
S5 post	NG	OK	OK	NG	NG	NG	S4, S5 post	Post Height Pre-Adjustment
S4 (Tension) post	NG	NG	OK	NG	NG	NG		
S1 post	OK	NG	NG	NG	NG	NG	S1, T1 post	ENV Waveform Adjustment
T1 post	OK	NG	NG	NG	NG	NG		
T3 post	NG	NG	OK	NG	NG	NG	A/C Head tilt screw	A/C Head Tilt Adjustment
T4 post	OK	OK	OK	NG	NG	NG	T4 post	Post Height Pre-Adjustment

Table 4-22-1

- 1. Place unit into PLAY mode and confirm the each post limits is within the specification.
- 2. If out of specification, adjust the post height by following the each adjustment procedure (Refer to above table).

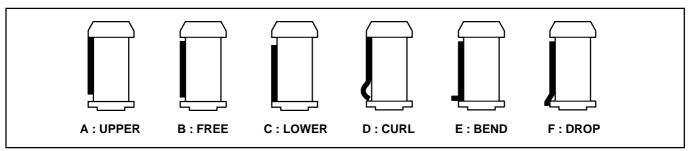


Figure 4-22-2

4-23. Confirmation of Envelope on REV, REW and FF mode

	SPEC	See Figure 4-23	M.EQ	Oscilloscope
-	TEST	See below	TAPE	VFM3680KL
ı	POINT			
Ν	IODE	REV, REW, FF		

- Confirm that the Envelope waveform becomes in the specification at REV, REW and FF mode as following.
 - Waveform must be Diamond Style. (Figure 4-23)
 - All the peak level must be more than 90% of maximum level.

V/Vmax ≥ 0.9

 If out of spec, adjust S4 post height. (refer to item "4-1.Post Height Pre-Adjustment")

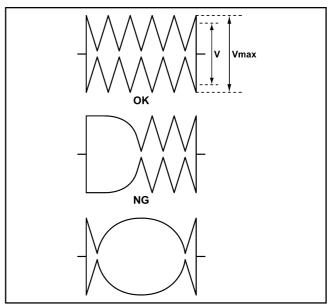


Figure 4-23

4-24. Confirmation of Play Start Envelope

SPEC	Envelope Waveform signal should be rising up immediately at PLAY mode.		
TEST POINT	TP400: R/P-ENV L13		
	TP401: R/P-ENV R13	TP403: R/P-ENV R24	
MODE	$REW/REV \to PLAY \; FF \to Loading \; completion \to PLAY$		
TAPE	L Cassette (123min, Recorded tape) Tape beginning portion		
M.EQ	Oscilloscope		

This adjustment must be done after Envelope Waveform Adjustment.

- Confirm that the envelope appears immediately, when the mode is changed from REW to PLAY, REV to PLAY, FF to PLAY, and Lording to PLAY mode.
- 2. If out of spec, adjust S4 post height. (refer to item "Post Height Pre-Adjustment")

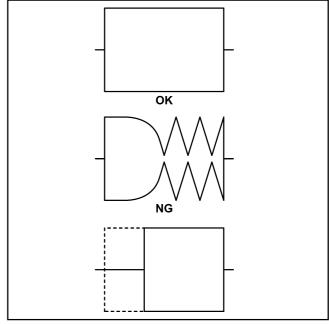


Figure 4-24

4-25. REV mode Tape Path Limit Confirmation

SPEC	Each post limit shown in below figure
MODE	REV
TAPE	VFM3680KL

Post Name	Tape Limit (Refer to figure 4-25)					
POST Name	Α	В	С	D	Е	F
S5 Post	OK	OK	OK	NG	NG	NG
S4 Post						
(Tension Post)	NG	OK	OK	NG	NG	NG
S1 Post	OK	NG	NG	NG	NG	NG
T1 Post	OK	OK	OK	NG	NG	NG
T3 Post	NG	NG	OK	NG	NG	NG
T4 Post	OK	OK	OK	NG	NG	NG

- 1. Place unit into REV mode and confirm the each post limits is within the specification.
- 2. If out of specification, adjust the post height by following the each adjustment procedure (Refer to Table 4-22 on item 4-22)

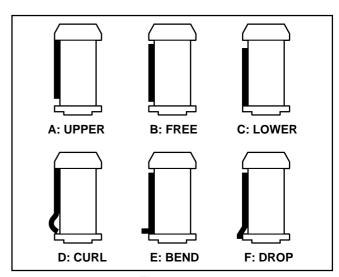


Figure 4-25

4-26.FF, REW mode Tape Path Limit Confirmation

SPEC	Each post limit shown in below figure
MODE	FF, REW
TAPE	VFM3680KL

Post Name	Tape Limit (Refer to figure 4-25)					
POSt Name	Α	В	С	D	Е	F
S5 Post	OK	OK	OK	NG	NG	NG
S4 Post						
(Tension Post)	NG	OK	OK	NG	NG	NG
S1 Post	OK	NG	NG	NG	NG	NG
T1 Post	OK	OK	OK	NG	NG	NG
T3 Post	OK	OK	OK	NG	NG	NG
T4 Post	OK	OK	OK	NG	NG	NG

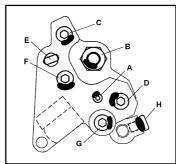
- 1. Place unit into FF and REW mode and confirm the each post limits is within the specification.
- 2. If out of specification, adjust the post height by following the each adjustment procedure (Refer to Table 4-22 on item 4-22)

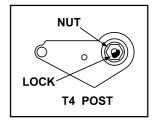
4-27. Screw Lock Tight of A/C Head and T3, T4 Post

<Screw Lock Tight of A/C Head>

	SCREW A	OTHER SCREWS
Lock Tight Grew	1/3 of the	1/3 of the
Quantity	screw	screw

- 1. Fix the screw by the Lock Tight Grew after A/C Head Adjustment as shown in figure below.
- 2. Melt the grew before adjust each screws.





<Screw Lock Tight of T3 and T4 Post>

	SCREW A	OTHER SCREWS
Lock Tight Grew Quantity	1/4 of the screw	1/4 of the screw

- 1. Fix the Nut by the Lock Tight Grew after T4 Post Height Adjustment.
- 2. Melt the grew before perform adjustment.

4-28. Confirmation of Tape Damage for Long Tape Playback

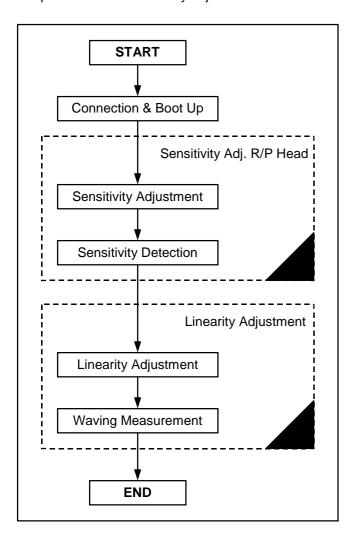
<Confirmation procedure>

Confirmation mode	Specification	Tape Type
PLAY	Tape damage does not occurred on	HD (100M)
Repeat operation CUE←→REV mode (maximum speed at Pinch ON condition)	tape at lower limit of T3 and T4 post.	
<tape></tape>		
Long time L cassette (AJ-5P93LP : recorded tape)		
Tape end portion		

4-29. LISTA Adjustment Procedure

NOTE:

- 1. Refer to the item "4-32. LISTA Sensitivity Adjustment and Sensitivity Detection" about procedure of the sensitivity adjustment and sensitivity detection.
- 2. Refer to the item "4-33. LISTA Linearity Adjustment and Waving Measurement" about procedure of the linearity adjustment.



4-30. LISTA Connection and Boot Up

TEST	ATF	ATF ERR L13: TP601		
POINT		ATF ERR L24: TP602		
	TRG	R/P-HSW L13: TP113		
		R/P-HSW L24: TP114		
M. EQ.	PC (Personal Computer) (A/D board should be installed)			
TAPE	VFM3681KL (LISTA)			
TOOL	VFK1481C (LIST	VFK1481C (LISTA Software), VFK1186 (LISTA Cable)		

- 1. Connect the LISTA cable to A/D Board in the PC.
- 2. Connect the clips of the LISTA cable to test point on the P.C.Board.

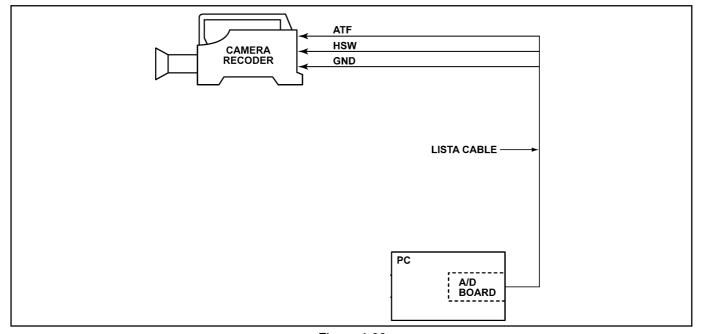


Figure 4-30

3. Boot Up the LISTA software on DOS mode.

♦ How to install and boot Up ♦

Copy all files on the floppy disk (VFK1481C : LISTA Software) to created directly on PC (i.e.; C:\(\text{LISTA}\)). Type "LISTA" and press ENTER key, then the LISTA software VFK1481C boot up.

- After boot up the LISTA software, <<< FORMAT SELECT >>> display appears. Select the "DVCPRO HD" format.
- 5. After select the format, <<< VTR SELECT >>> display appears, and select the "AJ-HDC20" model.

Linearity monitor system of track using ATF error signal for DVCPRO

-- LISTA PRO -- [Service Use]

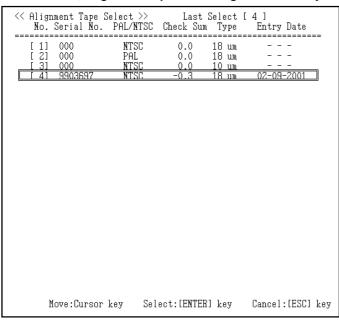
<<< FORMAT SELECT >>>
<1> DVCPRO
<2> DVCPRO 4X
<3> DVCPRO 50
<4> DVCPRO HD
<5> DV
<6> Quit
Move:Cursor key Select:[ENTER] key

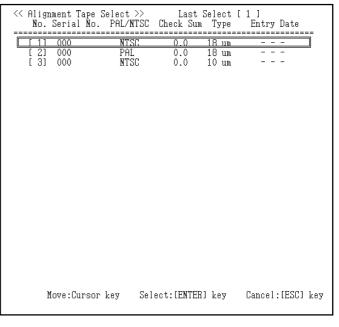


- 6. Next, select the Serial number of the Alignment tape on the screen. If LISTA software does not have alignment tape data registered, data entry is needed. Press the ESC key, then main menu is displayed on the screen. And select the item "<4> Alignment Tape" for entry the data on the attachment sheet, which is enclosed with alignment tape.
- 7. If LISTA software has data of alignment tape, select the serial number of Alignment tape, then message "ok?(y/n)" appears on the screen. And press "Y" or "ENTER" key, then LISTA main menu is displayed on screen.

<< In case, Alignment Tape data is registered already >>

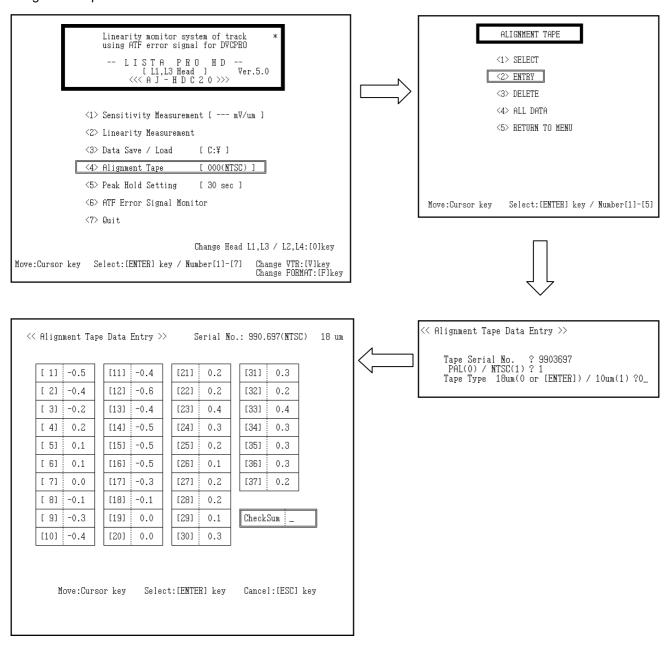
<< In case, Alignment Tape data is not registered>>





4-31. How to Entry the Attachment Data of Alignment Tape

- 1. Select the item "<4> Alignment Tape" on the LISTA main menu.
- 2. Select the item "<2> ENTRY" on the alignment menu.
- 3. After the screen of <<Alignment Tape Data Entry>>is displayed, first input the Serial Number of Alignment tape printed on the label. And input the number "0" or "1" to select the PAL/NTSC. And after that for entry the tape type, input to "0" for DVCPRO, DV input to "1" for DV.
- 4. After select the tape type, the frame for input the DATA and CHECK SUM appears on the screen. Input the numerical value on the data sheet, which are enclosed with alignment tape. If input the wrong number, the error message appears on the screen, then confirm the data on the sheet.
- 5. After entry the data, select "<1> SELECT" on the Alignment Tape Menu and select the serial number of the alignment tape.

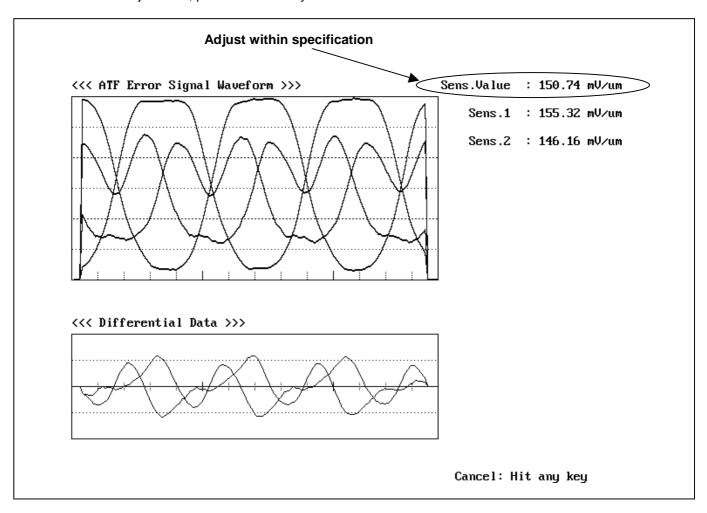


4-32. LISTA Sensitivity Adjustment and Sensitivity Detection

TEST POINT	ATF	ATF ERR L13: TP601
		ATF ERR L24: TP602
	TRG	R/P-HSW L13: TP113
		R/P-HSW L24: TP114
	GND	TG300
VTR MODE	PLAY	
ADJ. MODE	RPL GAI	N 100
ADJUST (ATF GAIN)	150 ± 15 mV/um	
TAPE VFM3681		1KL (LISTA)

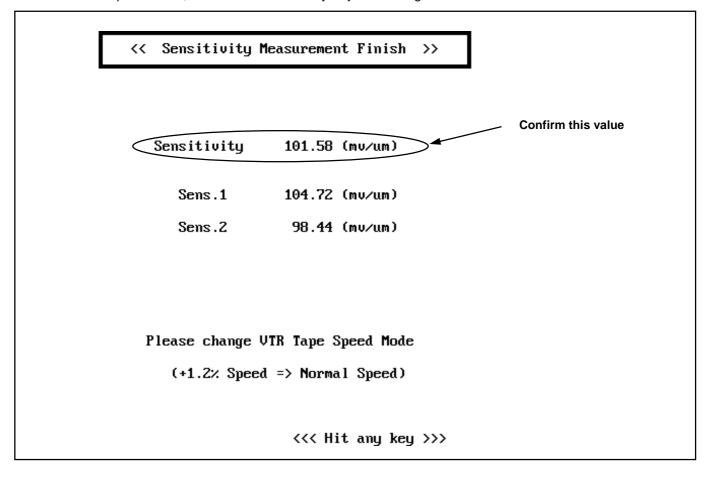
Sensitivity Adjustment Procedure

- 1. Connect the each clips of LISTA cable to the test point.
- 2. Set the adjustment mode according to adjustment heads. (Refer to [LISTA Adjustment Modes] of the "Table of Test Point".)
- 3. Playback the LISTA Alignment Tape.
- 4. Select the item "<6> ATF Error Signal Monitor" on the LISTA main menu, and after message "1.2% Speed. . ." appears on the screen, press the Enter key, then sensitivity value and waveform appear on the screen as shown figure below.
- 5. Adjust RPL GAIN 100 in the VTR Service menu so that the "Sens. Value" on the upper right corner of the screen is within the specification.
- 6. After finish this adjustment, press the ESC key to return to the main menu.



Sensitivity Detection Procedures

- 1. Set the adjustment mode. (Refer to [LISTA Adjustment Modes] of the "Table of Test Point".)
- 2. Playback the LISTA Alignment Tape.
- 3. Select the item "<1> Sensitivity Measurement" on the LISTA main menu, and then "1.2% Speed. . ." appears on the screen. Press the Enter key, and then start measurement of the sensitivity value.
- 4. Confirm the sensitivity value is within the specification, when the message <<Sensitivity Measurement Finish>> and "Sensitivity = Sensitivity Value" are displayed on screen.
- 5. If it is out of specification, repeat the step item 3 and 4.
- 6. If still out of specification, execute the "Sensitivity Adjustment" again.

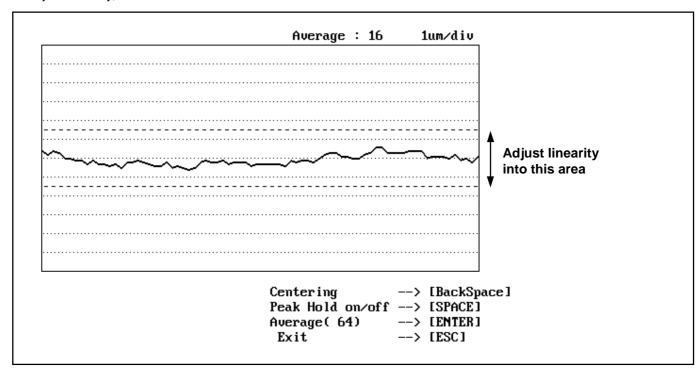


4-33. LISTA Linearity Adjustment and Waving Measurement

SPEC.	Lineari	Linearity: less than 3um, Waving: less than 1.5um			
TEST POINT	ATF	ATF ERR L13: TP601			
		ATF ERR L24: TP602			
	TRG	R/P-FSW L13: TP113			
		R/P-HSW L24: TP114			
	GND	TG300			
VTR MODE	PLAY	PLAY			
ADJ. MODE					
ADJUST	S1 and T1 Post Height				
TOOL	VFK11	VFK1149 or VFK1149A (Post Driver)			
TAPE	VFM36	681KL (LISTA)			

Linearity Adjustment Procedures

- 1. Connect the each clips of LISTA cable to test points.
- 2. Set the adjustment mode. (Refer to [LISTA Adjustment Modes] on the "Table of Test Point".)
- 3. Playback the LISTA Alignment Tape.
- 4. Select the item "<2> Linearity Measurement" on the LISTA main menu, and then linearity waveform appears on the screen.
- 5. When the waveform as shown below is displayed on the screen, press the "BS (Back Space)" key to move the waveform at the center of the scale on screen. Adjust S1 and T1 post height by using the post driver so that the linearity waveform becomes as flat as possible, and it should be within the specification.
- ♦ Adjust linearity, to have waveform in between the red dot lines on the screen.



POINT:

The part of left side of waveform (entrance side) is adjusted by height of S1 post and part of right side of waveform (exit side) is adjusted by height of T1 post.

Lower part of above waveform of figure is displayed lead of Cylinder.

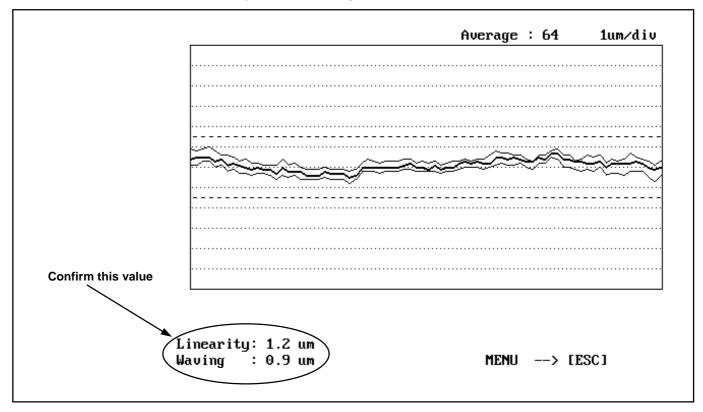
When the post driver is removed from upper part of post, linearity waveform may be changed.

After finish this adjustment, eject the tape and insert the tape again to confirm the shape of linearity waveform isn't changed.

6. After finish the Linearity Adjustment, measure the numerical value of linearity and waving.

Waving Measurement Procedures

- 1. Press "SPACE" key to perform the Peak Hold in 30 seconds when linearity is displayed.
- 2. After finish the Peak Hold, press "SHIFT" and " } " key simultaneously on the Key Board, then the numerical values of "Linearity" and "Waving" is displayed on left lower portion of screen. And confirm the numerical values are in the specification. Also confirm the waving is same level from entrance side to exit side. If the "Linearity" and "Waving" are out of specification and also it caused by insufficient limit of entrance or exit side of envelope, adjust height of S1 and T1 post.
- 3. After this measurement is finished, press the ESC key to return to the main menu.



Information: How to save the LISTA Data

Linearity waveform data and measurement value of linearity and waving can be saved as one file data to PC.

- 1. Basically this operation should be performed after linearity and waving measurement is finished.
- 2. Select the item "<3> Data Save/Load" on the LISTA main menu, and select the item "<1> Save".
- 3. The linearity waveform as Peak Hold is displayed on the screen, and message "File Name?" appears on the screen. Then entry the File Name less than 8 letters. And after message "Comment?" appears on the screen, then entry the Comment less than 20 letters. As comment, entry the Serial Number, Model Number, Head Rotation Hours etc to use them for management of each VTR's linearity data.
- 4. After completion of saving, select the item "<2> Load" of the item "<3> Data Save/Load", then the saved File Name appears on the screen. And select previously saved file to confirm the waveform and numerical value is displayed correctly. By pressing "SHIFT" and "} " key simultaneously on the Key Board, the numerical values of "Linearity" and "Waving" is displayed on left lower portion of screen.

4-34. Self-REC/PLAY Envelope Waveform Confirmation

SPEC.	All of the head output are within the specification as shown below. Confirm in the 50M mode when the VTR or Camera Recorder is 50M models. · When using the M Cassette (66 min.) or L Cassette (126 min.) V1/Vmax, V3/Vmax ≥ 0.7 V2/Vmax ≥ 0.8			
TEST POINT	R/P-ENV L13: TP400 R/P-ENV L24: TP402 R/P-ENV R13: TP401 R/P-ENV R24: TP403 TG300: GND			
M. EQ.	Oscilloscope			
TAPE	L Cassette (126 min.)			
TOOL	VFK1149 or VFK1149A (Post Driver)			

- 1. Input the color bar signal and record it.
- 2. Playback the just recorded portion, and confirm the envelope output is within the specification.
- If it is out of specification, perform the "ENV Waveform Adjustment" and "LISTA Adjustment" again.

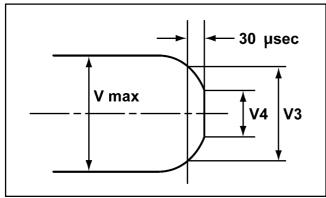


Figure 4-34

5. Major Mechanical Parts Replacement & Adjustment Procedures

When mechanical parts are replaced, pay attention to the following notes.

- 1. Always turn power off before replacing any parts.
- 2. If any adjustment is required after replacing parts, perform the required adjustment.
- 3. Use proper tools and fixtures.
- 4. Be sure to clean the parts after replacement, and also to replace the mechanical parts, follow the replacement procedure.

5-1. Cylinder Unit Replacement

(Removal)

 Remove the T1 Guide and Cleaning Arm Unit. (Please refer to item "5-2. Cleaning Arm Unit Replacement")

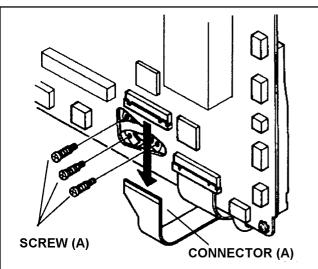


Figure 5-1-1

- 2. Unscrew the screw (B) which fix the cable (B) as shown in Figure 5-1-2.
- 3. Remove the flexible cable which connected to connector (A) on the P.C.Board as shown in 5-1-1.
- 4. Unscrew the 3 screws (A) which have spring from the Cylinder Unit as shown as Figure 5-1-1, then remove the Cylinder Unit without touching any mechanical parts as shown in Figure 5-1-2.

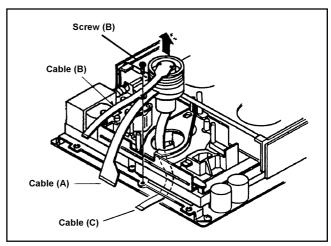


Figure 5-1-2

NOTE:

Don't touch the cylinder by finger directly, when pull out the Cylinder Unit.

(Installation)

 Install the new Cylinder Unit according to the opposite procedures of removing.

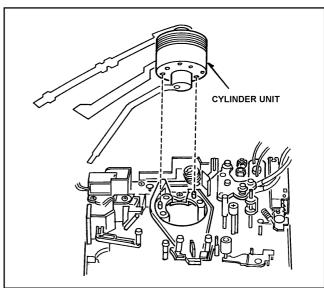


Figure 5-1-3

NOTE:

When installing the Cylinder Unit, the pin on Mech. Chassis should match with holes of Cylinder Unit as shown in Figure 5-1-3.

 After installing the T1 Guide, T1 Guide Position Adjustment should be performed. (Please refer to item "5-2. Cleaning Arm Unit Replacement" and "5-3. T1 Guide Position Adjustment")

5-2. Cleaning Arm Unit Replacement

(Removal)

- 1. Unscrew the 2 screws (A) and remove the T1 Guide as shown in Figure 5-2.
- 2. Widen the tip of the cleaner arm, lift up the cleaning arm unit and remove the spring and washer.

(Installation)

- 1. Install the spring and washer.
- 2. Insert Cleaning Arm Unit temporary to T2 Arm Unit. Install the spring to between Cleaner Base Plate and Cleaning Arm Unit, and insert Cleaner Arm Unit to T2 Arm Unit perfectly.
- 3. Rotate the cylinder by hand in the pressing the core of the Cleaner Solenoid, and confirm that the Cleaner Roller rotate.
- 4. Install the T1 Guide.
- 5. After install the T1 Guide, please perform the item "5-3. T1 Guide Position Adjustment".

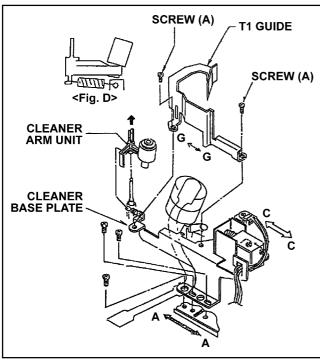


Figure 5-2

5-3. T1 Guide Position Adjustment

- 1. Place the unit to loading condition without the tape.
- 2. Observe the clearance (B) between T1 Guide and T1 post as shown in Figure 5-3, and make sure that it is within 0.2mm to 0.5mm.
- 3. If not, loosen the 2 screws (A) and adjust the position of the T1 Guide moves to direction of arrow ($G \longleftrightarrow G$) so that the clearance (B) is within the specification. And tighten the 2 screws (A).

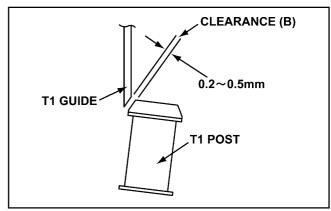
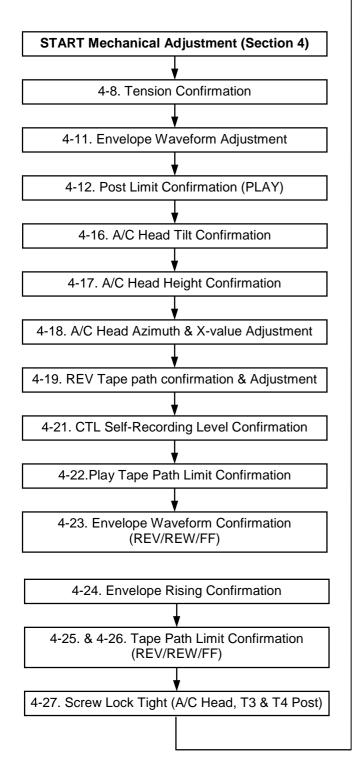
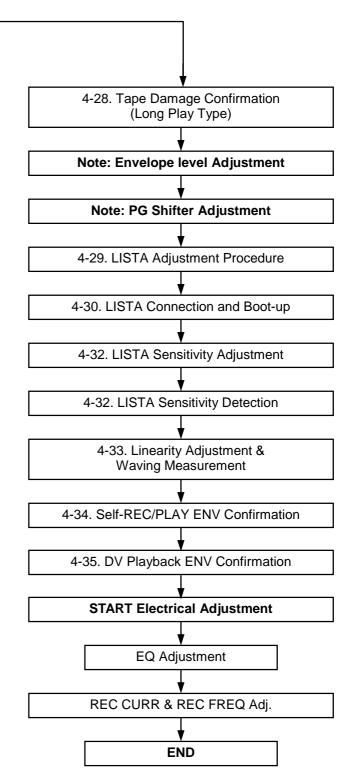


Figure 5-3

5-4. Adjustment Flow Chart After Cylinder Unit Replacement

 After change the Cylinder Unit, please perform the adjustment and confirmation as following flow chart.





NOTE:

Envelope level and PG Shifter adjustment procedure are mentioned on Electrical Adjustment Procedure on Service Manual.

5-5. Supply & Take-up Reel Rotor Unit Replacement

<Supply Reel Rotor Unit Replacement>

(Removal)

- Disconnect the connector P2614 on the Servo P.C.Board.
- 2. Turn the Emergency Gear until S1 Post move to center loading position and remove the S5 Post Base Unit (Refer to item 5-14).
- 3. Pull up the Arm Return Spring on the Connection Arm Angle Side and disconnect the Connection Arm Angle.
- Unscrew the 2 screws (C) to remove the Supply Reel Stopper as shown in below figure.
- Push the Reel Table to middle position and unscrew the 2 screws (D) to remove the Supply Reel Rotor Unit as shown in Figure 5-5.
- 6. Remove the 2 Cut Washers to remove the Idler Arm Unit.

<Take Up Reel Rotor Unit Replacement>

(Removal)

- Disconnect the connector P2615 on the Servo P.C.Board.
- 2. Unscrews the 2 screws (E) and then remove the Take Up Reel Stopper.
- 3. Push the Reel Table to middle position and unscrew the 2 screws (F) to remove the Take Up Reel Rotor Unit as shown in below figure.

(Installation for both unit)

- 1. Install the new Reel Rotor Unit according to the opposite procedures of removing.
- 2. After change the both Reel Rotor Unit, "Reel Torque Adj." And "Main Brake Torque Confi." Procedures Should be Performed.

CAUTION: Don't touch FG portion with the magnetized screw driver.

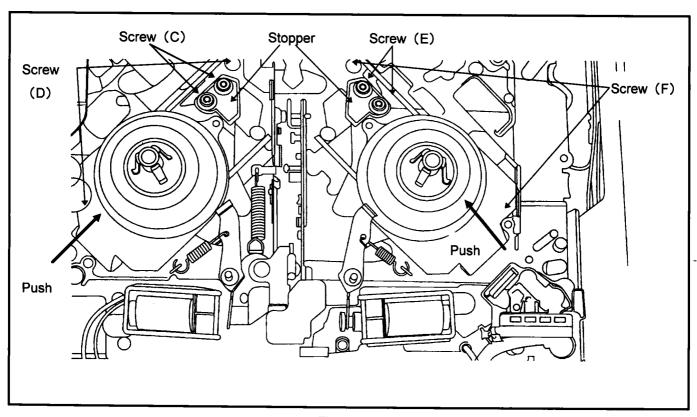


Figure 5-5

5-6. Main Brake Torque Confirmation

TEST	S Reel, T Reel		
MODE	EJECT (Power OFF)		
TOOL	Torque Gauge (VFK71A, VFK1191A)		
	Torque Gauge Adapter (VFK1152)		
	Direction A		
	0.4cN-m ± 0.2cN-m		
SPEC.	(40g-cm ± 20g-cm)		
	Direction B		
	0.2cN-m ± 0.1cN-m		
	(20g-cm ± 10g-cm)		

- Install the adapter (VFK1152) to the torque gauge (VFK71A).
- 2. Put the torque gauge on S Reel and turn the torque gauge to direction A until S Reel slips against brake.
- 3. Confirm the torque is within the specification.
- 4. Put the torque gauge on T Reel and turn the torque gauge to direction A until T Reel slips against brake.
- 5. Confirm the torque is within the specification.
- 6. Install the adapter (VFK1152) to the torque gauge (VFK1191A).
- 7. Put the torque gauge on S Reel and turn the torque gauge to direction B until S Reel slips against brake.
- 8. Confirm the torque is within the specification.
- 9. Put the torque gauge on T Reel and turn the torque gauge to direction B until T Reel slips against brake.
- 10. Confirm the torque is within the specification.

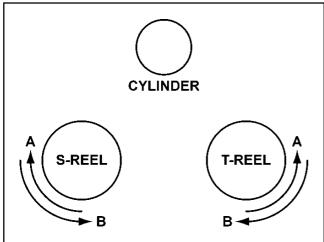


Figure 5-6

5-7. Pinch Solenoid Replacement

(Removal)

- 1. Remove the Cassette Cover, both Side Panel, Cassette Up Unit and open the VTR MAIN.
- Disconnect the connector P610 on the Servo P.C.Board.
- 3. Unscrew the 2 screws (A) and remove the Pinch Solenoid Unit as shown in Figure 5-7.
- 4. Unscrew the 2 screws (B) and remove the Pinch Solenoid Angle as shown in Figure 5-7.
- 5. Unscrew the 2 screws (C) and remove the Pinch Solenoid from the Pinch Solenoid Base.

(Installation)

- 1. Install the new Pinch Solenoid following the removal steps in reverse order.
- After installation, perform the Pinch Solenoid Position Adjustment.

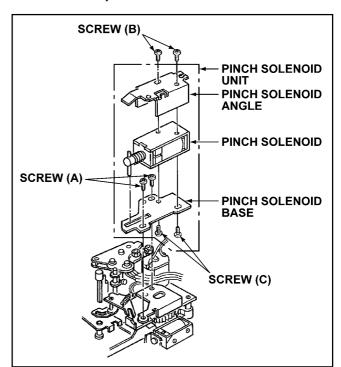


Figure 5-7

5-8. Pinch Solenoid Position Adjustment

SPEC.	T = 0.3 mm
TEST	Gap T
ADJUST	Screw (A) and Hole (B)
MODE	EJECT (Power OFF)
TOOL	Eccentric Driver (VFK0357)

- 1. Confirm the power is turned off.
- 2. Push the pinch roller by hand to be close to capstan.
- 3. Push the pinch solenoid by hand so that the pinch roller contacts capstan.
- 4. Loosen the two screws (A) and adjust the hole (B) by VFK0357 so that gap (T) is within the specification.
- 5. The position to confirm Gap, is at spring scratch to Plate (C) side.

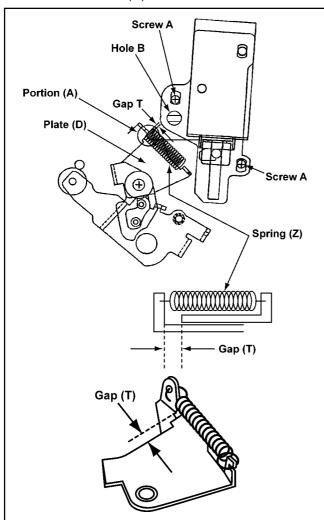


Figure 5-8

5-9. Pinch Arm Unit Replacement

(Removal)

- Refer to item "5-7.Pinch Solenoid Replacement" to remove the Pinch Solenoid Unit.
- 2. Remove the cut washer (A) and remove the Pinch Solenoid Lever as shown in Figure 5-9.
- 3. Remove the cut washer (B) and remove the Pinch Arm Unit as shown in Figure 5-9.

(Installation)

1. Install the new Pinch Arm Unit following the removal steps in reverse order, and then Pinch Solenoid Position Adjustment is necessary.

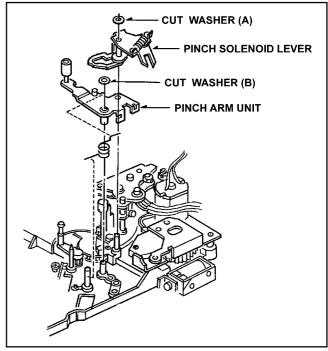


Figure 5-9

5-10. Loading Motor Unit Replacement

(Removal)

- Disconnect the connector P611 on the Servo P.C.Board.
- 2. Remove the Pinch Solenoid Unit. (Refer to item 5-7).
- 3. Unscrew the screw (B), and remove the Emergency Shaft as shown in Figure 5-10.
- Unscrew the 2 screws (C) and remove the Loading Motor Neutral Unit as shown in Figure 5-10
- 5. Unscrew the 2 screws (D) and remove the Loading Motor Unit as shown in Figure 5-10.

(Installation)

- 1. Install the new Loading Motor Unit to Loading Motor Neutral Unit by tightening 2 screws (D).
- 2. Install the Loading Motor Neutral Unit by tightening the 2 screws (C), paying attention to the pin of Mode SW Unit which should match with groove position of main Cam Gear.
- 3. Install the Emergency Shaft by tightening the screw (B).
- 4. Install the Pinch Solenoid Unit and after installation it, Pinch Solenoid Position adjustment is required. (Refer to item 5-8).
- 5. Connect the Connector P611 to the Servo P.C.Board (B).

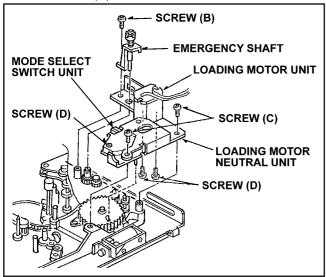


Figure 5-10

5-11. Mode SW Unit Replacement

(Removal)

- 1. Disconnect the connector P612 on the Servo P.C.Board (B).
- 2. Remove the Pinch Solenoid Unit and Loading Motor Unit. (Refer to item 5-7 and 5-10.)
- Remove the screw (E) and remove the Mode Select Switch Unit from Loading Motor Unit as shown in Figure 5-11.

Note:

Pay attention to the pin of Mode Switch Unit which should be match with groove of Main Cam Gear.

(Installation)

- Install the New Mode Select Switch Unit following the removal steps in reverse order (Refer to item "5-10. Loading Motor Unit Replacement").
- After install the Pinch Solenoid Unit, Pinch Solenoid Position adjustment is required. (Refer to item 5-8).

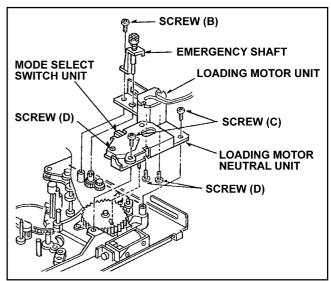


Figure 5-11

5-12. Main Cam Gear Replacement

(Removal)

- Remove the Pinch Solenoid Unit and Loading Motor Unit. (Refer to item 5-8 and 5-10.)
- 2. Remove the Main Cam Gear as shown in Figure 5-12.

(Installation)

- Install the Main Cam Gear, then the pin of Main Cam Arm Unit (*) should match with the groove position of Main Cam Gear as shown in Figure 5-12.
- 2. Follow the removal steps in reverse order.
- 3. After installation, perform the Pinch Solenoid Position Adjustment. (Refer to item 5-8)

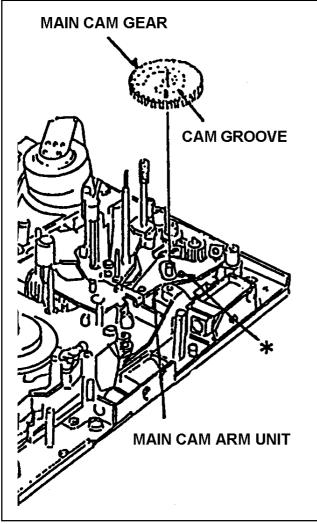


Figure 5-12

5-13. Thrust Screw Replacement and Adjustment

- 1. Remove the Thrust Adjustment Screw.
- 2. Clean the capstan shaft with an applicator.
- 3. Put the oil (VFK0906) on a new Thrust Adjustment Screw and install the upper end of the Capstan Housing.
- Turn the Thrust Adjustment Screw slowly to counter-clockwise until the Capstan Rotor just starts turning (separate from the Capstan Rotor).
- Turn the Trust Adjustment Screw to the other angle of 270 degrees from 180 degrees (about 225 degrees) clockwise as shown in Figure 5-13-2.
- 6. Put the glue (Ex. : Three Bond 1401B) on the Thrust Adjust Screw.
- 7. Confirm whether the Oil Seal does not come out to contact with the Capstan Housing.

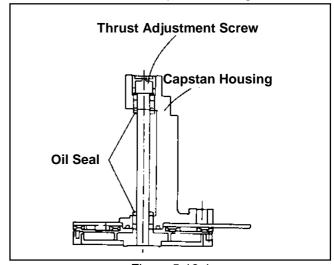


Figure 5-13-1

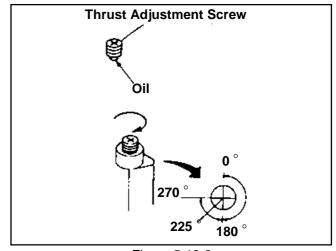


Figure 5-13-2

5-14. S5 Post Base Unit Replacement

(Removal)

1. Unscrew the screw (A) and remove the S5 Post Base Unit as shown in Figure 5-14.

(Installation)

1. Install the S5 post Base Unit follow the removal steps in reverse order.

Note: Be careful the S5 Post Base Unit is installed to mech. chassis as shown in Figure 5-14.

2. After installation, Post Height Pre-Adjustment and Tape path Adjustment should be performed.

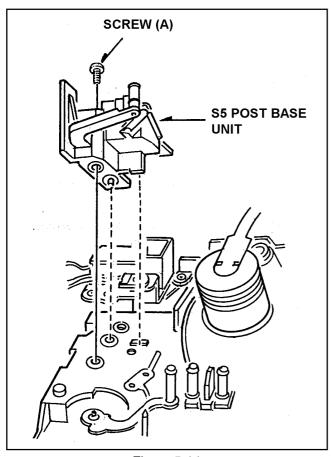


Figure 5-14

5-15. Tension Arm Unit Replacement

(Removal)

1. Remove the Cut Washer (A) and hang off the Tension Regulator Spring, and then remove the Tension Arm Unit as shown in Figure 5-15.

(Installation)

- 1. Install the new Tension Arm Unit following the removal steps in reveres order.
- 2. After installation, Tension Arm Adjustment should be performed the following steps.

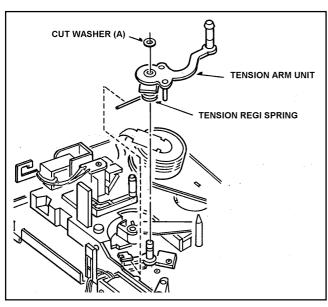
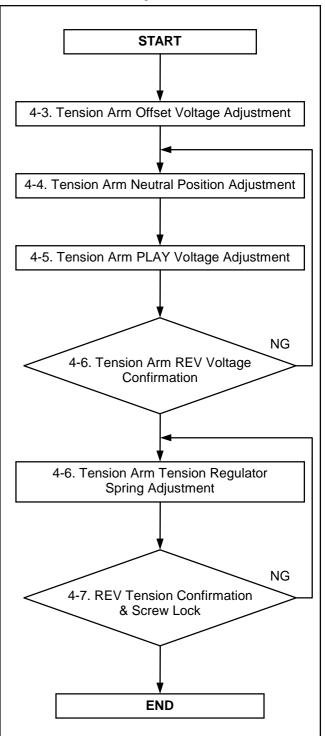


Figure 5-15

<Tension Arm Adjustment Flow Chart>



5-16. S1 Post Loading Arm Unit Replacement & Adjustment

(Removal)

- Remove the S5 Post Base Unit. (Refer to item 5-14)
- 2. Remove the Tension Arm Unit. (Refer to item 5-15).
- 3. Unscrew the screw (A) and remove the S1 Post from Loading Rail as shown in Figure 5-16.

Remove the Cut Washer (B) and remove the S1 Loading Arm Unit as shown in Figure 5-16.

(Installation)

- Install the new S1 Loading Arm Unit following the removal steps in reverse order, and then S1 Post Loading Arm Unit Phase Adjustment should be performed as follows.
- 2. After installation, confirm that the S1 Post move smoothly on the Loading Rail.
- 3. Tension Arm and Tape path Adjustment should be performed.

(Adjustment)

Install and adjust so that the Hole (A) is to be parallel with Hole (B) as shown in Figure 5-16.

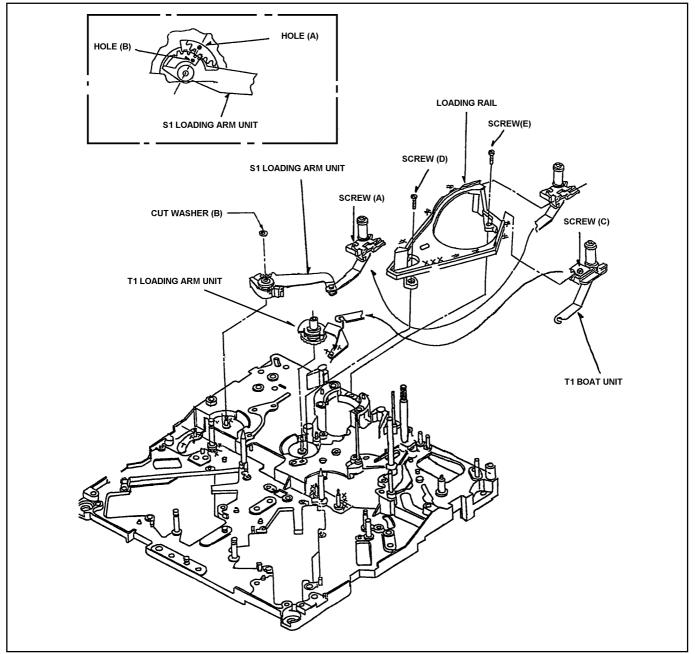


Figure 5-16

5-17. T1 Boat Unit Replacement and Adjustment

(Removal)

- Unscrew the screw (C) and remove the T1 Post from Loading Rail as shown in Figure 5-16 on the above page.
- 2. Hang off the T1 Boat Unit from T1 Loading Arm Unit as shown in Figure 5-16.

(Installation)

- Install the new T1 Boat Unit follow the removal steps in reverse order.
- 2. After installation, confirm that the T1 Post move smoothly on the Loading Rail.
- 3. Tape path Adjustment should be performed.

(Know how for Replacing T1 boat)

(1) T1 boat replacing procedure Fix the T1 boat flat to the T loading arm N ass'y with minimum bending of the T1 boat arm.

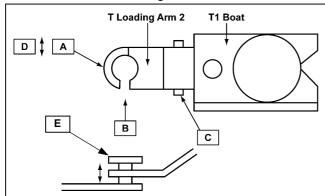


Figure 5-17-1

- If the portion A shown in the figure above is deformed, the T1 boat can cause snag during loading or significant change in X-Value. Visually check the portion A for deformation.
- If deformation is found, remove the T1 boat, flatten the arm by using an appropriate tool such as a pair of long nose pliers and then install the T1 boat. Or, replace the arm with a new one.
- If the portion B shown in the figure above is significantly deformed, the arm can become loose. At a half load position, while pinching the portion C of the arm with tweezers, slightly move the arm in the directions of D shown in the figure several times and make sure that the arm does not come off. If it can come off, remove the T1 boat. Using long nose pliers, narrow the opening B and then fit the T1 boat.

(Confirmation and Adjustment Procedure)

Tool: T Arm Height Adj. Tool A (VFK1542) T Arm Height Adj. Tool B (VFK1543)

- (1) T1 boat replacing procedure
- 1. Turn clockwise emergency red screw and set the hole of T1 Boat Unit to match line of take up side cassette fixed pin as shown in figure 5-17-2.
- 2. Push the Pinch Roller by hand to be close to Capstan and push the Pinch Solenoid by hand so that the Pinch Roller contacts Capstan.
- 3. Set the T Arm Height Adj. Tool A (VFK1452) to take up side cassette fixed pin as shown in figure 5-17-3.
- 4. Turn the Tool A and confirm that the Tool A is contact to pin E (the position of pin E as shown in figure 5-17-1) as shown in figure 5-17-3.
- 5. Set the T Arm Height Adj. Tool B (VFK1543) to take up side cassette fixed pin as shown in figure 5-17-3.
- 6. Turn the Tool B and confirm that the Tool B does not contact to pin E (the position of pin E as shown in figure 5-17-1) as shown in figure 5-17-3.

<Specification of T Arm Height>

	Contact of Pin E	
Tool A (have cut)	contact	
Tool B (have not cut)	no contact	

Note 1: In case Tool A does not contact to Pin E.

- 1. Remove the T1 Boat Unit from Loading Rail and press up the T Loading Arm 1 by hand to change the height of T Loading Arm.
- Install the T1 Boat Unit and hit the Pin E from the top lightly.
- 3. Repeat the T1 Loading Arm Height Adjustment.

Note 2: In case Tool B contact to Pin E.

- Remove the T1 Boat Unit from Loading Rail and press down the T Loading Arm 1 by hand to change the height of T Loading Arm.
- 2. Install the T1 Boat Unit and hit the Pin E from the top lightly.
- 3. Repeat the T1 Loading Arm Height Adjustment.

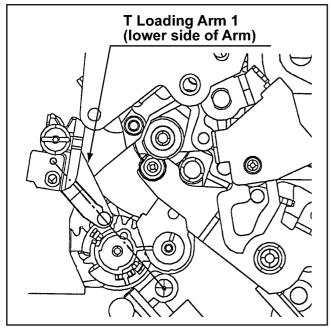


Figure 5-17-2

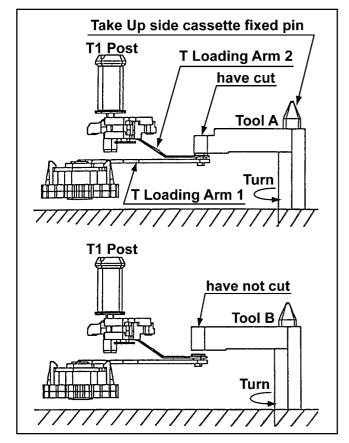


Figure 5-17-3

- (2) Checking smooth movement of T1 Boat Unit. Check X-Value. Check smooth loading and unloading operations. If not smooth (especially, at curve of rail), take the following steps.
- 1. Check deformation of T1 boat joint.
- 2. If no deformation, then reposition the loading rail as describe below.

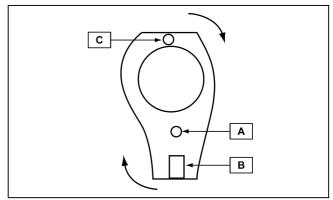


Figure 5-17-4

- 1.Loosen the screw A.
- 2. While pressing the projection B leftward, tighten the screw.

If operation is not smooth, remove CYL and loosen screws A and C. Turn the rail clockwise as shown in the figure and then tighten the screws.

If the rail does not work well, replace it or the T1 boat with a new one.

5-18. T1 Loading Arm Unit Replacement & Adjustment

(Removal)

- 1. Remove the cylinder Unit. (Refer to item 1-1)
- Move the T1 Post to loading direction by manual ejecting method until the screw (D) can be removal position as shown in Figure 5-16.
- 3. Unscrew the 2 screws (A) and (C), then remove the S1 and T1 Post from Loading Rail as shown in Figure 5-16.
- 4. Unscrew the 2 screws (D) and (E), then remove the Loading Rail as shown in Figure 5-16.
- 5. Remove the T1 Loading Arm Unit as shown in Figure 5-16.

(Installation)

1. Install the T1 Loading Arm Unit following the removal steps in reverse order, and then Phase Adjustment should be performed as follows.

(Adjustment)

- 1. When install the T1 Loading Arm Unit, then the hole (A) should match with the hole (B) as shown in Figure 5-16.
- 2. After installation, confirm that the S1 and T1 Post move smoothly on the Loading Rail.
- 3. Perform the T1 Loading Arm Height Adjustment. (Refer to previous item)
- 4. After perform the height adjustment, perform the Post Height Pre-Adjustment and Tape path Adjustment.

Note:

This replacement should be performed simultaneously with replacement of Cylinder Unit. It is convenient for Replacement of T1 Loading Arm Unit.

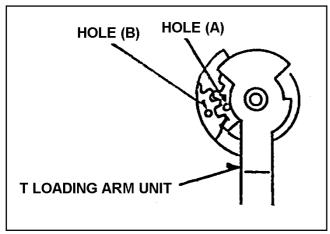


Figure 5-18

5-19. A/C head Replacement & Adjustment

<Tools required>

Nut Driver (5.5mm: VFK1150) Hex Driver (VFK1148) Hex Wrench (VFK1190)

(Removal)

- Remove the Cassette Cover, Left & Right Side Panel and the Cassette Up Unit.
- Open the VTR MAIN P.C.Boaed and POWER P.C.Board.
- Loosen the hex screw (B) and remove the Nut (C).
 Hang off the Head Height Adjustment Spring and
 then remove the A/C Head Unit as shown in
 Figure 5-19-1.

Point: Memorize height of the Nut (C) before remove the Nut (C).

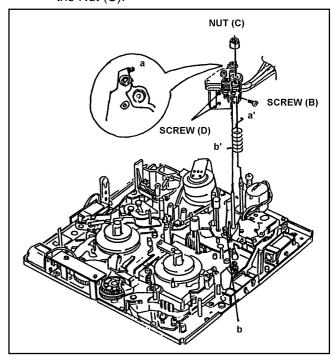


Figure 5-19-1

4. Remove the 2 screws (A) and disconnect the 2 connector on the REAR JACK P.C.Board and SERVO P.C.Board, and then remove the A/C Head from the A/C Head Plate as shown in Figure 5-19-2.

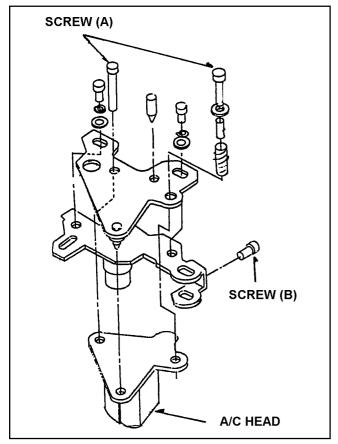


Figure 5-19-2

- Remove the Shield Cover by removing 2 screws (D).
- Unsolder the lead wires as shown in Figure 5-19 (When unsolder the lead wires, do not unsolder all at the same time)

(Installation)

- Remove the Shield Case from the New A/C Head and solder the lead wires to New A/C Head. (Refer to Figure 5-19-3)
- 2. Reinstall the shield case to A/C Head.
- 3. Install the A/C Head to A/C Head Plate by tightening 2 screws (A), then set to parallel the gap between A/C Head and A/C Head Plate.
- 4. Install the A/C Head Unit.
- 5. Hang on the Head Height Adjustment Spring and tighten the Nut (C).
- 6. Clean the surface of the A/C Head.

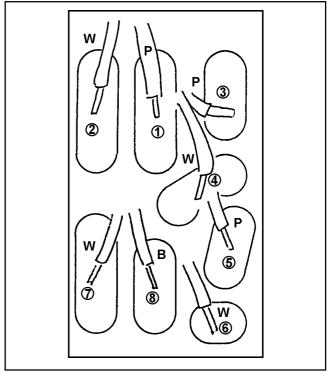
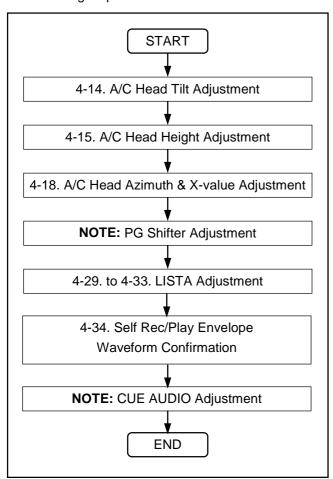


Figure 5-19-3

A/C Head	Cable Color		Connector
1	Pink	Yellow	
2	White		
3	Pink	Red	P1005
4	White		
5	Pink	Green	
6	White		
7	White	Yellow	P600
8	Black		

<A/C Head Adjustment>

1. After change the A/C Head, please perform the following steps.



NOTE:

PG Shifter and CUE AUDIO adjustment procedures are mentioned on Electrical Adjustment Procedures on this Service Manual.

5-20. Cleaner Solenoid Replacement & Adjustment

(Removal)

- Disconnect the connector P618 on the SERVO P.C.Board.
- 2. Unscrew the 2 screws (A) and remove the Cleaner Solenoid Unit as shown in Figure 5-20-1.
- 3. Unscrew the 2 screws (B) and remove the Cleaner Solenoid as shown in Figure 5-20-1.

(Installation)

- Install the new Cleaner Solenoid follow the removal steps in reverse order.
- 2. After installation, perform the Cleaner Solenoid Position adjustment.

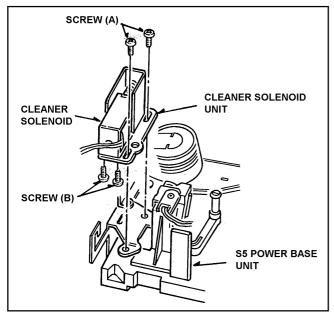


Figure 5-20-1

5-20-1. Cleaner Solenoid Position Adjustment

<Tools required>

Eccentric Driver (VFK0357)

- 1. Press the iron core of Cleaner Solenoid.
- 2. Observe the clearance (D) between Cleaning Arm Unit and Cleaner Base Plate as shown in Figure 5-20-2. And make sure that it is within 0.5 to 0.7mm.
- If not, loosen the 2 screws (A) and adjust the position of Cleaner Solenoid Unit by moving arrow direction (C ←→ C) using the Eccentric drive so that the clearance (D) is within the specification. And tighten the 2 screws.
- 4. After adjustment, confirm that as follows.
- 5. Press the iron core of Cleaner Solenoid and released it, then the Cleaning Roller return to original position.
- 6. Press the iron core of the Cleaner Solenoid and confirm that the Cleaner Roller rotates, when the Cylinder is rotated by hand.

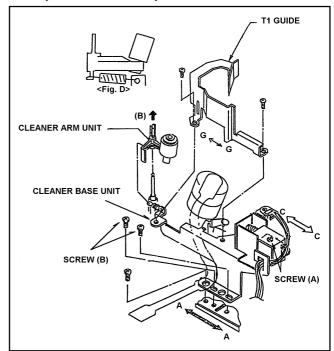


Figure 5-20-2

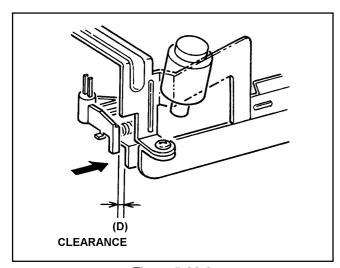


Figure 5-20-3

Note:

If the cleaner Base Plate is removed, execute the Cleaner roller Position adjustment.

5-20-2. Cleaner Roller Position Adjustment

<Tools required>

Eccentric Driver (VFK0357)

- 1. Observe the clearance (A) between Cleaner Roller and cylinder Unit as shown in Figure 5-20-4. And make sure that it is within 1.0 to 1.2mm.
- If not, loosen the 2 screws (B) as shown in figure 5-20-2 and adjust the position of Cleaner Base Plate by moving arrow direction (A ←→ A) using the Eccentric driver so that the clearance (A) is within the specification. And tighten the 2 screws (B).

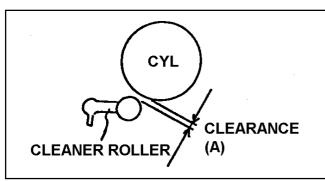


Figure 5-20-4

5-21. MIC Base Unit Replacement

(Removal)

- Disconnect the connector P607 on the Servo P.C.Board.
- 2. Unscrew the 2 screws (A) and remove the MIC Base Unit as shown in Figure 5-21.

(Installation)

- 1. Install the new MIC Base Unit according to the opposite procedures of removing.
- 2. Confirm that the M cassette touches to MIC Base Unit properly.

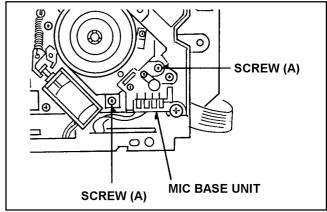


Figure 5-21

5-22. T4 Post Position Adjustment

- Confirm that the hole (B) of T4 connection Gear match with the hole of T4 post as shown in figure 5-22.
- 2. Confirm that the portion (C) of T4 connection Gear and hole (A). Those are located as shown in figure 5-22.
- If not, adjust the phase of T4 post following the above procedure.

Note:

This confirmation should be performed on unloading condition.

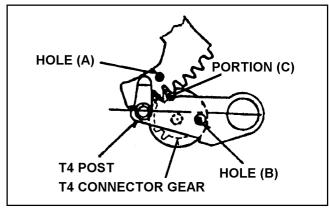


Figure 5-22

ELECTRICAL ADJUSTMENT

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< CAMERA >

1. OPTICAL UNIT

1-1. Initial Setting

Unless without particular instruction, implement the adjustment of the optical unit by the following setting.

< Lighting >

For the lighting source, use the halogen lamp of 3200K, 500W and set it to get 2000LUX evenly on the surface of object.

< Front switch Setting >

GAIN : L

AWB : PRST (PRESET)

OUTPUT : CAM OFF

SHUTTER : OFF USER SW 1 : OFF

< Camera Setting >

Lens Extender : OFF
CC Filter : 3200K (B)
ND Filter : CLEAR (1)

--- IMPORTANT!! ---

< Save the Adjustment Value >

Depending on the adjustment item, it is necessary to save the data in the flash memory in the CAM SYS P.C.Board after adjustment.

For saving each adjustment data, follow the instruction of each adjustment item.

< Menu >

*** CAM DESIGN MENU ***

<LSI REG SET1>

 \Rightarrow ADR_H

 \Rightarrow ADR_L

 \Rightarrow WRITE

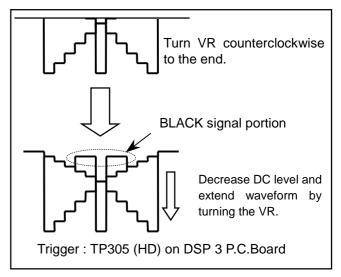
1-2. R, G, B Offset Adjustment

BOARD	PRE AMP, PRE PROCESS
TP	P2 connector [PRE PROCESS]
	2pin : R, 4pin : G, 6pin : B
ADJUST	VR101 : R OFFSET [PRE AMP]
	VR201 : G OFFSET [PRE AMP]
	VR301 : B OFFSET [PRE AMP]
F NUMBER	OPEN (2000LUX)
MODE	
CHART	Gray Scale Chart
M. EQ	Oscilloscope
SPEC.	Just below the BLACK level starts
	saturation.

- 1. Turn VR101 counterclockwise.
- 2. Adjust VR101 so that the BLACK signal waveform appears at the 2pin of P2 connector.
- 3. Turn VR201 counterclockwise.
- 4. Adjusts VR201 so that the BLACK signal waveform to appears at the 2pin of P2 connector.
- 5. Turn VR301 counterclockwise.
- 6. Adjusts VR301 so that the BLACK signal waveform to appears at the 2pin of P2 connector.

< Notes >

- Supply the trigger signal from TP305 (HD) of DSP 3 P.C.Board.
- 2. If the threshold level is difficult to determine, set the value well below the threshold.



1-3. R, G, B RESET DC Adjustment

BOARD	
TP	SDI OUT (G,B,R) 75ohm termination
ADJUST	Service Menu
F NUMBER	F4
MODE	
CHART	Immega Cycle Chart (For HD)
M. EQ	WFM
SPEC.	At a level just below onset of white
	streaking (Waveform Distortion)

< Camera Setting >

ND Filter : 1/4ND (2)

< Menu >

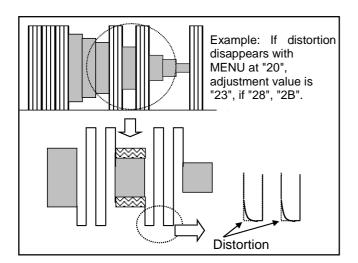
*** CAM DESIGN MENU ***

<VDRIVE 1>

 \Rightarrow R RESET DC , \Rightarrow B RESET DC

⇒ G RESET DC

- Shoot the immega cycle chart in the fullness of the picture frame. (The distance between Chart and Camera about 50cm to 60cm.)
- 2. Set the mode of WFM to be able to observe R, G, B signal.
- 3. Adjust the item of each RESET DC so that the values of each color signal are within specification.
- 4. Initial value of the MENU item must be "00".
- When the value is increased, the distortion is improved and the whole level is decreased and the high frequency level is increased.
- 6. Set to the value at a point "+10 (DEC.)" which signal becomes distortion free and the high frequency level becomes max.



1-4. R, G, B Response Confirmation and Adjustment

BOARD	
TP	SDI OUT (G,B,R) 75ohm termination
ADJUST	Service Menu
F NUMBER	OPEN (2000LUX)
MODE	
CHART	Gray Scale Chart
M. EQ	WFM
SPEC.	Stable response against level change.

< Menu >

*** CAM DESIGN MENU ***

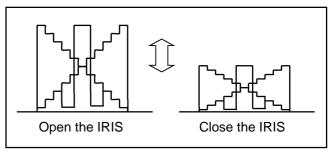
<VDRIVE 1>

⇒ R RESET DC

⇒ G RESET DC

⇒ B RESET DC

- Repeatedly open and close the iris quickly and check the resulting response. (Poor response takes a longer delay time after level is changed.)
- 2. If the response is poor, fine adjust R, G and B RESET DC (increase value).



1-5. H1 DC Adjustment

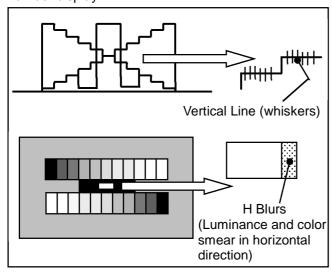
BOARD	
TP	SDI OUT (G,B,R) 75ohm termination
ADJUST	Service Menu
F NUMBER	8-1/4 (2000LUX)
MODE	
CHART	Gray Scale Chart
M. EQ	WFM, Color Monitor TV
SPEC.	Adjust to eliminate vertical lines and H blur.

< Menu >

- Set the GAMMA of the CAMERA SETTING page to OFF.
- 2. Set the H1DC of the VDRIVE page to "00" and then increase the value until the vertical lines disappear. Note the value.
- 3. Further increase H1DC but up to the value that will not cause H blurs. Note the value.
- 4. Then, set H1DC value to the center between the values noted in steps 2 and 3. If the center value is higher than the value at step 3 minus 10, then set H1DC to the value noted at step 3 minus 10.
- 5. Verify vertical lines and H blurs do not occur and then turn GAMMA ON.

< Note >

The adjustment value of the menu is a hexadecimal number display.



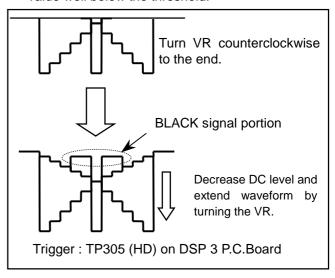
1-6. R, G, B Offset Adjustment

BOARD	PRE AMP, PRE PROCESS
TP	P2 Connector [PRE PROCESS]
	2pin : R, 4pin : G, 6pin : B
ADJUST	VR101 : R OFFSET [PRE AMP]
	VR201 : G OFFSET [PRE AMP]
	VR301 : B OFFSET [PRE AMP]
F NUMBER	OPEN (2000LUX)
MODE	
CHART	Gray Scale Chart
M. EQ	Oscilloscope
SPEC.	Just below the BLACK level starts
	saturation.

- 1. Turn VR101 counterclockwise.
- 2. Adjusts VR101 so that the BLACK signal waveform to appears at the 2pin of P2 connector.
- 3. Turn VR201 counterclockwise.
- 4. Adjusts VR201 so that the BLACK signal waveform to appears at the 2pin of P2 connector.
- 5. Turn VR301 counterclockwise.
- 6. Adjusts VR301 so that the BLACK signal waveform to appears at the 2pin of P2 connector.

< Notes >

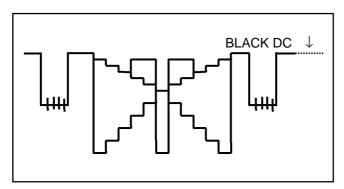
- Supply the trigger signal from TP305 (HD) of DSP 3 P.C.Board.
- 2. If the threshold level is difficult to determine, set the value well below the threshold.



1-7. R, G, B PRE AMP DC Adjustment

BOARD	PRE AMP, PRE PROCESS
TP	P2 Connector [PRE PROCESS]
	=
	2pin : R, 4pin : G, 6pin : B
ADJUST	VR102 : R DC [PRE AMP]
	VR202 : G DC [PRE AMP]
	VR302 : B DC [PRE AMP]
F NUMBER	8-1/4 (2000LUX)
MODE	
CHART	Gray Scale Chart
M. EQ	Oscilloscope
SPEC.	Black DC Level = 0 mV +/- 50 mV

- 1. Adjusts VR102 so that the black DC level is within specification at the P2 connector 2pin.
- 2. Adjusts VR202 so that the black DC level is within specification at the P2 connector 2pin.
- 3. Adjusts VR302 so that the black DC level is within specification at the P2 connector 2pin.



Trigger: TP305 (HD) of DSP 3 P.C.Board.

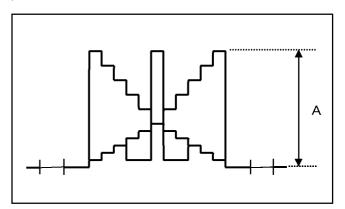
1-8. R, G, B PREPRO Level Adjustment

BOARD	PRE PROCESS (Use the Extender board)
TP	Extender board (VFK1194)
	B-48pin : R, B-46pin : G, B-44pin : B
ADJUST	VR101: R LEV, VR301: G LEV,
	VR501 : B LEV
F NUMBER	8-1/4 (2000LUX)
MODE	
CHART	Gray Scale Chart
M. EQ	Oscilloscope
SPEC.	A = 600 mV +/- 5 mVp-p

- 1. Adjust VR101 so that the R level is within specification at the B-48pin.
- 2. Adjust VR301 so that the R level is within specification at the B-46pin.
- 3. Adjust VR501 so that the R level is within specification at the B-44pin.

< Note >

Level "A" is size from the BLK portion to the white peak.



Trigger: TP305 (HD) of DSP 3 P.C.Board.

1-9. R, G, B SUB Adjustment

BOARD	PRE PROCESS
TP	SDI OUT 75ohm termination, TP303 (B)
ADJUST	Service Menu
F NUMBER	
MODE	
CHART	Gray Scale Chart
M. EQ	WFM
SPEC.	As shown below

< Switch Setting >

OUTPUT : CAM ON

< Menu >

*** CAM DESIGN MENU ***

<VDRIVE 1>

⇒ R SUB

 \Rightarrow G SUB

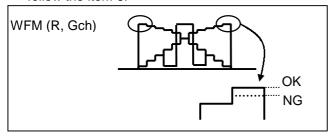
 \Rightarrow B SUB

< Adjustment of Rch, Gch >

- Adjust iris so that the Gch signal level of SDI OUT is 70%, and execute the AWB ⇒ ABB.
- 2. Adjust iris again following above item 1 and execute the AWB.
- 3. Adjust iris so that the signal level is 100%, and open the iris 3 more step.

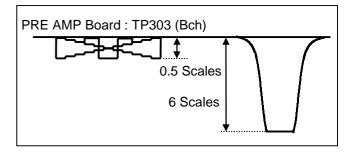
(ex. : F8 \Rightarrow F2.8 , F8-1/4 \Rightarrow F2.8-1/4)

- 4. Observe the waveform of Rch in WFM.
- Adjust R SUB (the direction of the increase) so that the top step and the 2nd step of gray scale become the same level.
- Adjust R SUB (the direction of the decrease) so that the top step and the 2nd step of gray scale has no step.
- 7. Observe the waveform of Gch in WFM.
- 8. Adjust G SUB (the direction of the increase) as follow the above item 5.
- 9. Adjust G SUB (the direction of the decrease) as follow the item 6.



< Adjustment of Bch >

- 1. Set the OUT PUT SW to CAM OFF.
- 2. Set the iris to F8-1/4.
- 3. Adjust the "VAR" knob on the oscilloscope so that the level of the signal at the TP303 is 0.5 scale with the oscilloscope.
- 4. Light the halogen lamp directly from the front. (Adjust the zoom lens so that the illumination of the lamp to fall to the whole screen.)
- 5. Set the iris to OPEN.
- 6. Adjust B SUB so that the peak level of the signal is 6 scales with the oscilloscope.



< Save the Adjustment Value >

When execute this adjustment, "Setting Value Saving" by the menu is necessary. Execute it according to the following procedure.

 set the menu item as shown below, and restart (OFF ⇒ ON) the unit.

*** CAM MAIN MENU 4 ***

<BLACK SHADING>

 \Rightarrow CORRECT (DIG) : ON \Rightarrow OFF

<WHITE SHADING>

 \Rightarrow DETECTION (DIGITAL) : ON \Rightarrow OFF

*** CAM DESIGN MENU ***

<LSI REG SET1>

 \Rightarrow ADR_H : FF \Rightarrow ADR_L : 01

 \Rightarrow WRITE : OFF \Rightarrow ON

2. CAMERA MAIN UNIT

2-1. Initial setting

Unless without particular instruction, implement the adjustment of the optical unit by the following setting.

< Lighting >

For the lighting source, use the halogen lamp of 3200K, 500W and set it to get 2000LUX evenly on the surface of object.

< Front Switch Setting >

GAIN : L

AWB : PRST (PRESET)

OUTPUT : CAM OFF SHUTTER : OFF USER SW 1 : OFF

< Camera Setting >

Lens Extender : OFF
CC Filter : 3200K (B)
ND Filter : CLEAR (1)

2-2. R, G, B TEST PED Adjustment

BOARD	PRE PROCESS (Use Extender board)
TP	Extender board (VFK1194)
	B-48pin : R, B-46pin : G, B-44pin : B
ADJUST	Service Menu
F NUMBER	
MODE	TEST mode
CHART	
M. EQ	Oscilloscope
SPEC.	STEP A = 0 mV +/- 5 mVp-p

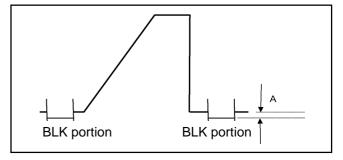
< Menu >

*** CAM MAIN MENU 1 ***

<ROP>

- ⇒ MASTER PED
- ⇒ R PEDESTAL
- \Rightarrow G PEDESTAL
- ⇒ B PEDESTAL
- <CAMERA SETTING>
 - ⇒ TEST SAW

- 1. Set the TEST SAW to "ON".
- 2. Set the MASTER PED to "0".
- Adjust R, G, B PEDESTAL so that the step A is within specification at the test point on the extender board.



2-3. R, G, B Test Signal Level Adjustment

BOARD	PRE PROCESS (Use Extender board)
TP	Extender board (VFK1194)
	B-48pin : R, B-46pin : G, B-44pin : B
ADJUST	VR702: TEST B, VR703: TEST G,
	VR704 : TEST R
F NUMBER	
MODE	TEST Mode
CHART	
M. EQ	Oscilloscope
SPEC.	Level A = 600 mV +/- 5 mVp-p

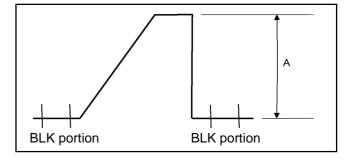
< Menu >

*** CAM MAIN MENU 1 ***

<CAMERA SETTING>

 \Rightarrow TEST SAW

- 1. Set the TEST SAW to "ON".
- 2. Adjust VR704 so that the R level is within specification at the B-48pin.
- 3. Adjust VR703 so that the G level is within specification at the B-46pin.
- 4. Adjust VR702 so that the B level is within specification at the B-44pin.



2-4. R, G, B AD Level Adjustment

BOARD	DSP 3
TP	SDI OUT 75ohm termination
ADJUST	Service Menu
F NUMBER	
MODE	TEST Mode
CHART	
M. EQ	WFM
SPEC.	White Level A = 100 IRE +/- 1 IRE
	Black Level B = 0 IRE +/- 1 IRE

< Menu >

*** CAM MAIN MENU 1 ***
<KNEE/LEVEL>

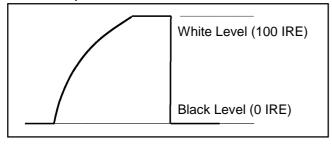
⇒ MANUAL KNEE

*** CAMERA DESIGN MENU ***

<DSP D/A SET> \Rightarrow GAIN G \Rightarrow CPL G \Rightarrow GAIN B \Rightarrow CPL B \Rightarrow GAIN R \Rightarrow CPL R

<CAMERA SETTING> \Rightarrow TEST SAW

- Set the MANUAL KNEE to "OFF" and TEST SAW to "ON".
- 2. Switch the OUTPUT SW to "Internal Color Bar" and confirm the signal level (white level) with WFM.
- 3. Switch the OUTPUT SW to "CAM OFF".
- 4. Set the WFM mode to be able to observe SDI signal as the R, G, B waveform.
- 5. Adjust CPL R, CPL G, CPL B so that the black level of the R, G, B signals is "OIRE".
- Adjust GAIN R, GAIN G, GAIN B so that the white level of the R, G, B signals is level of the internal color bar signal which the observed above item + 1IRE.
- 7. Adjust the black level again as shown in item 5, and confirm the level is within specification.
- 8. If it is out of specification, repeat item 5 and 6 to make it within specification.
- 9. After adjustment, set the MANUAL KNEE to "ON".



2-5. R, G, B Pre Knee-point Adjustment

BOARD	PRE PROCESS
TP	SDI OUT 75ohm termination
ADJUST	Service Menu
F NUMBER	CLOSE
MODE	TEST Mode
CHART	
M. EQ	WFM
SPEC.	No step at portion A

< Menu >

*** CAM MAIN MENU1 ***

<KNEE/LEVEL>

⇒ KNEE POINT

⇒ KNEE SLOPE

*** CAM DESIGN MENU ***

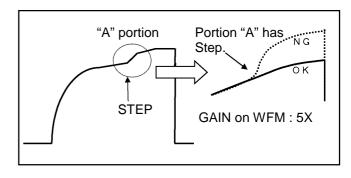
<PREPRO2> <CAMERA SETTING>

 \Rightarrow G KNPT \Rightarrow TEST SAW

 $\Rightarrow \mathsf{B} \; \mathsf{KNPT}$

 \Rightarrow R KNPT

- Confirm that the GAIN SW is set to "M: 6dB" and MANUAL KNEE is set to "ON".
- 2. Set the TEST SAW to "ON".
- Set the WFM mode to be able to observe SDI signal as the R, G, B waveform.
- 4. Set the KNEE POINT to "93% \rightarrow 80%", and KNEE SLOPE to "85 \rightarrow 32".
- Adjust G KNPT so that the Gch has no step. (Decrease the value temporary with the step appear point, then adjust.)
- 6. Adjust as above item 5 for Rch and Bch.
- 7. After adjustment, return the GAIN SW, KNEE POINT and KNEE SLOPE to original setting, and set the TEST SAW to "OFF".



2-6. 0 IRE PED Adjustment

BOARD	
TP	SDI OUT 75ohm termination
ADJUST	Service Menu
F NUMBER	CLOSE
MODE	
CHART	
M. EQ	WFM
SPEC.	PED = 0 IRE +/- 1 IRE

< Front Switch Setting >

GAIN : L (0dB)

< Menu >

*** CAM MAIN MENU1***

<ROP>

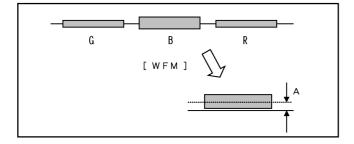
⇒ MASTER PED

*** CAM DESIGN MENU***

<PREPRO 2>

 \Rightarrow M PED

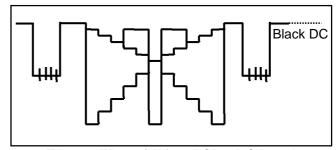
- 1. Execute the ABB.
- 2. Set the MASTER PED to "0".
- 3. Set the WFM mode to be able to observe the SDI signal as the R, G, B waveform.
- 4. Adjust M PED so that the pedestal level is within specification.
- 5. After adjustment, set the MASTER PED to "+18".



2-7. R, G, B PRE AMP DC Adjustment

BOARD	PRE AMP, PRE PROCESS
TP	P2 Connector [PRE PROCESS]
	2pin : R, 4pin : G, 6pin : B
ADJUST	VR102:R DC, VR202:G DC [PRE AMP]
	VR302:B DC [PRE AMP]
F NUMBER	8-1/4 (2000LUX)
MODE	
CHART	Gray Scale Chart
M. EQ	Oscilloscope
SPEC.	Black DC Level = 0 mV +/- 50 mV

- 1. Adjust VR102 so that the black DC level is within specification at the P2-2pin.
- 2. Adjust VR202 so that the black DC level is within specification at the P2-4pin.
- 3. Adjust VR302 so that the black DC level is within specification at the P2-6pin.



Trigger: TP305 (HD) on DSP 3 P.C.Board

2-8. R, G, B PULCAN Adjustment

BOARD	PRE PROCESS
TP	TP101 : R, TP301 : G, TP501 : B
ADJUST	Service Menu
F NUMBER	CLOSE
MODE	
CHART	
M. EQ	Oscilloscope
SPEC.	A = 0 mV +/- 5 mVp-p

< Menu >

*** CAM MAIN MENU 1***

<CAMERA SETTING>

⇒ D4300K

*** CAM DESIGN MENU ***

<PREPRO 1>

⇒ G PULCAN

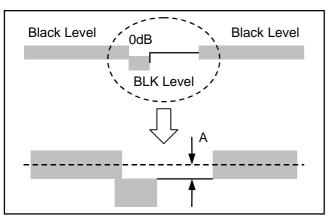
 \Rightarrow B PULCAN

⇒ R PULCAN

- 1. Set the GAIN to "18 dB".
- 2. Set the WFM mode to be able to observe the SDI signal as the R, G, B waveform.
- 3. Adjust G PULCAN, B PULCAN, R PULCAN so that the position of the black level is within specification at the each test point.
- 4. Set the D4300K to "ON" and then turn OFF \rightarrow ON the power of the unit.
- 5. Repeat item 3 again and adjust within specification.
- After confirmation, return the D4300K and GAIN SW to original setting.
- 7. Turn OFF \rightarrow ON the power of the unit.

< Note >

Adjust the black level with the center value of the noise.



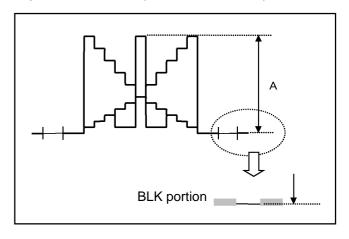
2-9. R, G, B PREPRO Level Adjustment

BOARD	PRE PROCESS (Use Extender board)
TP	Extender board (VFK1194)
	B-48pin : R, B-46pin : G, B-44pin : B
ADJUST	VR101:R LEV, VR301:G LEV, VR501:B
	LEV
F NUMBER	8-1/4 (2000LUX)
MODE	
CHART	Gray Scale Chart
M. EQ	Oscilloscope
SPEC.	Level A = 600 mV +/- 5 mVp-p

- 1. Adjust VR101 so that the R level is within specification at the B-48pin.
- 2. Adjust VR301 so that the G level is within specification at the B-46pin.
- 3. Adjust VR501 so that the B level is within specification at the B-44pin.

< Note >

Adjust between white peak level and BLK portion.



2-10. R, G, B PED TRACK Adjustment

BOARD	PRE PROCESS
TP	SDI OUT 75ohm termination
ADJUST	VR102: R TRACK, VR502: B TRACK
	and Service Menu
F NUMBER	CLOSE
MODE	
CHART	
M. EQ	WFM, Vector Scope
SPEC.	Vector dot at the zero point.

< Menu >

*** CAM MAIN MENU 1 ***

<ROP>

⇒ MASTER PED

⇒ B PEDESTAL

 \Rightarrow R PEDESTAL

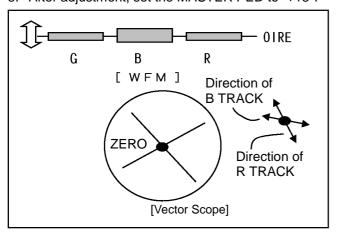
⇒ G PEDESTAL

*** CAM DESIGN MENU ***

<PREPRO 2>

 \Rightarrow M PED

- Set the MASTER PED, R PEDESTAL, G PEDESTAL and B PEDESTAL to "ON", and execute the ABB.
- 2. Set the WFM mode to be able to observe the SDI signal as the R, G, B waveform.
- 3. Adjust M PED to be "0IRE" with the WFM, and confirm that the dot positioned at the zero point in the vector mode.
- 4. Set the MASTER PED to "+180".
- 5. Adjust VR102 (R TRACK), VR502 (B TRACK) to be within specification.
- 6. Set the MASTER PED to "0" and confirm that the vector dot positioned at the zero point.
- 7. In case the dot is not at the zero point, adjusts item 5 to 7 repeatedly.
- 8. After adjustment, set the MASTER PED to "+18".



2-11. Confirmation of the Modulation Factor

BOARD	
TP	SDI OUT 75ohm termination
ADJUST	Service Menu
F NUMBER	F4
MODE	
CHART	Immega Cycle Chart (For HD)
M. EQ	Color Monitor TV, WFM
SPEC.	Modulation Factor (27.5MHz)
	A = more than 45%

< Front Switch Setting >

AWB :A

OUTPUT :CAM ON ND Filter :1/4ND (2)

< Menu >

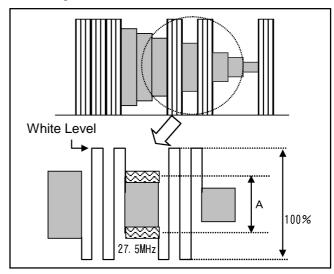
*** CAM MAIN MENU 1 ***

<CAMERA SETTING>

⇒ DETAIL

 \Rightarrow GAMMA

- 1. Set the GAMMA to "OFF", and DETAIL to "OFF".
- 2. Shoot the immega cycle chart in the fullness of the picture frame. (The distance between Chart and Camera about 50cm to 60cm.)
- 3. Adjust iris so that the white level of Y signal is 70%, and execute the AWB \rightarrow ABB.
- 4. Adjusts iris again, and execute the AWB.
- 5. Set the iris to F4 and confirm that the modulation A is within specification. (Level: white level = 100%)
- Set the GAMMA, DETAIL and ND filter to original setting.



2-12. R, G, B W/S Offset Adjustment (1)

BOARD	
TP	SDI OUT 75ohm termination
ADJUST	Service Menu
F NUMBER	F4
MODE	
CHART	Special Light Box (Spherical Type)
M. EQ	Color Monitor TV, WFM
SPEC.	WFM: The waveform is flat at the H
	Monitor rate.
	: There is no shading at the
	brightness and color.

< Menu >

*** CAM MAIN MENU 4 ***

<WHITE SHADING>

 \Rightarrow CORRECT

*** CAM SERVICE MENU ***

<WHITE SHADING>

⇒ DETECTION (DIG)

*** CAM DESIGN MENU ***

<PREPRO 1>

 \Rightarrow G_WS_OFFSET

⇒ B_WS_OFFSET

 \Rightarrow R_WS_OFFSET

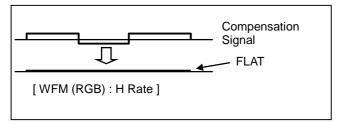
- 1. Shoot the open portion of light box at about 1/4 size of the whole screen.
- 2. Execute the ABB.
- 3. Set the CORRECT of the WHITE SHADING page to "ON", and execute the DETECTION (DIG).
- 4. Set the iris to CLOSE and confirm that the compensation waveform appears on black signal portion. Adjusts G_WS_OFFSET, B_WS_OFFSET and R_WS_OFFSET so that the monitor screen condition has no shading at the brightness and color.
- 5. Set the menu item as shown below, and restart (OFF \rightarrow ON) the unit.

*** CAM DESIGN MENU ***

<LSI REG SET1>

 \Rightarrow ADR_L : 01 \Rightarrow ADR_H : FF

 \Rightarrow WRITE : OFF \rightarrow ON



2-13. R, G, B W/S Offset Adjustment (2)

BOARD	
TP	SDI OUT 75ohm termination
ADJUST	Service Menu
F NUMBER	F4
MODE	
CHART	Special Light Box (Spherical Type)
M. EQ	Color Monitor TV, WFM
SPEC.	WFM: The waveform is flat at the H rate.
	Monit : There is no shading at the
	or brightness and color.

<Menu >

*** CAM MAIN MENU 1 ***

<LOW SETTING>

⇒ MASTER GAIN

*** CAM SERVICE MENU ***

<WHITE SHADING>

⇒ DETECTION (DIG)

*** CAM DESIGN MENU ***

<PREPRO 1>

 \Rightarrow G_WS_OFFSET

 \Rightarrow B_WS_OFFSET

 \Rightarrow R_WS_OFFSET

- 1. Shoot the open portion of light box at about 1/4 size of the whole screen.
- 2. Set the MASTER GAIN item of the LOW SETTING page to "0dB \rightarrow 21dB".
- 3. Execute the ABB.
- 4. Set the CORRECT of the WHITE SHADING page to "ON", and execute the DETECTION (DIG).
- Set the iris to CLOSE and confirm that the compensation waveform appears on black signal portion. Adjusts G_WS_OFFSET, B_WS_OFFSET and R_WS_OFFSET so that the monitor screen condition has no shading at the brightness and color.
- 6. Return the MASTER GAIN of the LOW SETTING page to original setting.
- 7. Set the menu item as follows, and restart (OFF \rightarrow ON) the unit.

*** CAM DESIGN MENU ***

<LSI REG SET1>

 \Rightarrow ADR_L : 01 \Rightarrow ADR_H : FF

 \Rightarrow WRITE : OFF \rightarrow ON

2-14. Digital White Shading Adjustment

BOARD	
TP	SDI OUT 75ohm termination
ADJUST	Service Menu
F NUMBER	
MODE	
CHART	Special Light Box (Spherical Type)
M. EQ	Color Monitor TV, WFM, Vector Scope
SPEC.	WFM: RGB waveform is flat at the H/V rate.
	Vector Scope : Vector dot is true circle.
	Monitor : stable brightness, no shading on
	the color.

< Menu >

*** CAM SERVICE MENU ***
<WHITE SHADING>

⇒ DETECTION (DIGITAL)

< Adjustment at the Lens Extender 1x >

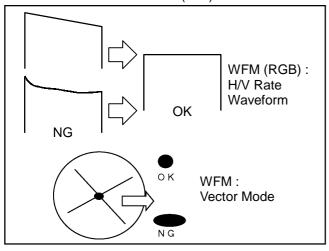
- 1. Change the setting of lens extender to "1x".
- 2. Shoot the open portion of the light box for the whole screen to be white.

(Zoom pos. : about 60, Focus : fully ∞ direction)

- 3. Execute the ABB.
- 4. Adjust iris so that the Gch level of SDI OUT is 70%, and execute the AWB \rightarrow ABB.
- 5. Repeat item 4.
- 6. Execute the DETECTION (DIG) on the menu item.

< Adjustment at the Lens Extender 2x >

- 1. Change the setting of lens extender to "2x".
- 2. Shoot the open portion of the light box for the whole screen to be white, and execute the ABB.
- 3. Adjust iris so that the Gch level of SDI OUT is 70%, and execute the AWB \rightarrow ABB.
- 4. Repeats item 3.
- 5. Execute the DETECTION (DIG) on the menu item.



2-15. Digital Dark Shading Adjustment

BOARD	
TP	SDI OUT 75ohm termination
ADJUST	Service Menu
F NUMBER	CLOSE
M. EQ	The color monitor TV, WFM, the vector
	scope
SPEC.	WFM: RGB waveform is flat at the H/V
	rate.
	Vector Scope : Vector dot is true circle.
	Monitor : stable brightness, no shading on
	the color.

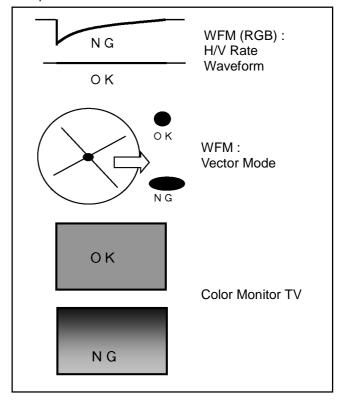
< Front Switch Setting >

OUTPUT: CAM ON

< Menu to Use >

*** CAM MAIN MENU 4 ***
<BLACK SHADING>

- ⇒ DETECTION
- ⇒ CORRECT (DIG)
- 1. Execute the ABB.
- 2. Set the CORRECT (DIG) of the BLACK SHADING page to "ON".
- Execute the DETECTION of the BLACK SHADING page, and confirm that each items are within specification.



2-16. Flare Adjustment

BOARD	
TP	SDI OUT 75ohm termination
ADJUST	Service Menu
F NUMBER	CLOSE
MODE	
CHART	Flare Chart
M. EQ	WFM
SPEC.	Adjusts the black level of R, G, B.
	(as shown below)

< Front Switch Setting >

AWB : A

OUTPUT : CAM ON

< Menu >

*** CAM MAIN MENU 4 ***

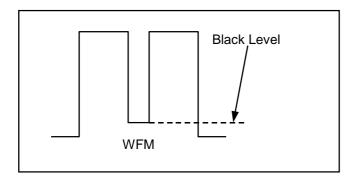
<FLARE>

 \Rightarrow R FLARE

 \Rightarrow G FLARE

 \Rightarrow B FLARE

- 1. Execute the ABB and adjust iris so that the Y output of SDI OUT is 70%, and execute the AWB.
- 2. Adjust iris to become 100% level and close iris only the 1.5 scale.
- Confirm the channel which shows the lowest BLACK level and adjust R FLARE, G FLARE and/or B FLARE so that BLACK level of other channel meet the lowest one.



2-17. R, B GAMMA Adjustment

BOARD	PRE PROCESS
TP	SDI OUT 75ohm termination
ADJUST	Service Menu, VR101 : R LEV, VR501 : B
	LEV
F NUMBER	
MODE	
CHART	Gray Scale Chart
M. EQ	WFM, Vector Scope
SPEC.	Rch, Bch peak level = Gch peak level
	2. Vector dot : No split & placed at zero
	point

< Front Switch Setting >

OUTPUT: CAM ON

< Menu to Use >

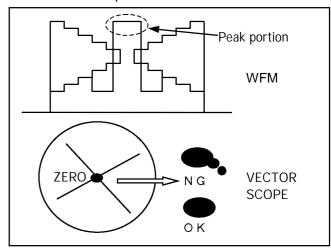
*** CAM SERVICE MENU ***

<SERVICE ADJ>

⇒ R GAMMA (SERV)

⇒ B GAMMA (SERV)

- Execute the ABB, and confirm that the R,G,B vector dots are positioned at zero point with closing the iris.
- Adjusts iris so that the Gch level is 100%, and confirm that the iris value is F8+/-1/2. At this time, if Rch and Bch level does not 100%, adjust VR101(R), VR501(B) on the PRE PROCESS P.C.Board so that the level is 100%.
- Indicate the R, G, B waveform overlaid in WFM, and confirm that the level difference at the peak portion of the waveform.
- 4. Adjust R GAMMA and B GAMMA so that the level differences disappear against Gch.
- Confirm with vector scope that the vector dot of each R, G, B color positioned at the zero point and doesn't split.



2-18. ND Compensation Adjustment

BOARD		
TP	SDI OUT 75ohm termination	
ADJUST	Service Menu	
F NUMBER		
MODE		
CHART	White Chart (10000LUX to 15000LUX)	
M. EQ	Vector Scope, Color Monitor TV	
SPEC.	Vector : Vector dot at the zero point.	
	Monitor: stable brightness, no shading on	
	the color.	

< Front Switch Setting >

OUTPUT : CAM ON SHUTTER : 1/500

< Menu >

*** MAIN MENU 1 ***
<CAMERA SETTING>

⇒ D4300K

<ROP>

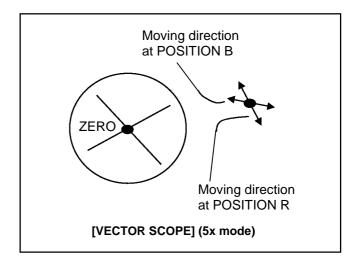
⇒ R GAIN, BGAIN

*** CAM DESIGN MENU ***

<ND COMPENSATION>

POSITION1 R, B (ND1 : For CLEAR) POSITION2 R, B (ND2 : For 1/4ND) POSITION3 R, B (ND3 : For 1/16ND) POSITION4 R, B (ND4 : For 1/64ND)

- 1. Set the ND filter to be adjusted with the main unit front knob.
- 2. Adjust iris so that the white level of the signal is 70%, and execute the AWB \rightarrow ABB. Adjust iris again, and execute the AWB.
- 3. Adjust POSITION value of each ND filter so that the vector dots are within specification.
- 4. Set the D4300K to "ON", and restart (OFF \rightarrow ON) the unit.
- 5. Repeat items 2 and 3.
- 6. Set the D4300K to "OFF".

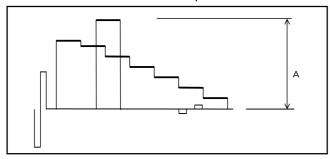


3. VIDEO OUT

3-1. VF Y Output Adjustment

BOARD	VODEO OUT
TP	TP14 (VIDEO OUT)
ADJUST	VR8
F NUMBER	
MODE	
CHART	
M. EQ	Oscilloscope
SPEC.	A = 700 mV +/- 15 mV

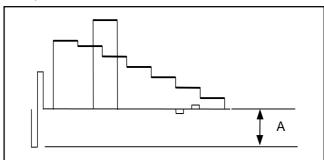
1. Set the internal color bar to "ON", and adjust VR8 so that the level A is within specification.



3-2. DA SYNC Output Level Adjustment

BOARD	VIDEO OUT
TP	TP14
ADJUST	VR11
F NUMBER	
MODE	
CHART	
M. EQ	Oscilloscope
SPEC.	A = 300 mV +/- 15 mV

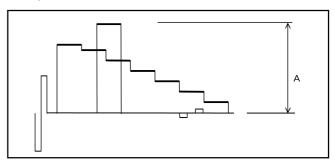
- 1. Set the internal color bar to "ON".
- 2. Adjust VR11 so that the level A is within specification at the waveform of TP14.



3-3. VTR Playback Output Level Adjustment

BOARD	VIDEO OUT
TP	TP14
ADJUST	VR9
F NUMBER	
MODE	
CHART	
M. EQ	Oscilloscope
SPEC.	A = 700 mV +/- 15 mV

 REC/PLAY the color bar signal with internal VTR, and adjust VR9 so that the level A is within specification.



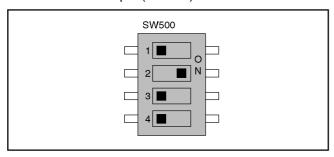
< VTR >

4. VTR SYSCON

4-1. Initial Setting of DIP SW (Release Data Saving Prohibition)

 Turn OFF the power supply of main unit and set the DIP SW on the VTR SYSCON P.C.Board as shown below.

SW6500-2pin (SW500) : OFF \rightarrow ON



- Be sure to perform this setting at the first step of entire processes to change adjustment value with internal menu on VTR (VTR SERVICE MENU).
- 3. If this SW is set to the "OFF" position, the adjustment value won't be saved to EEPROM.
- During data saving prohibit mode, when a page in VTR SERVICE MENU is opened, "INH" (Meaning of INHIBIT) mark is displayed on the upper right of the monitor screen of SDI OUT.

5. POWER

5-1. Confirmation of the Voltage

Item	TP	SPEC.
2.7V confirmation	TP6	2.75+/-0.1V
3.0V confirmation	TP2	3.15+/-0.1V
3.6V confirmation	TP7	3.6+/-0.1V
5.0V confirmation	TP10	5.0+/-0.1V
5.6V confirmation	TP8	5.65+/-0.10V
9.0V confirmation	TP13	9.05+/-0.10V
-5.0V confirmation	TP11	-5.15+/-0.10V
13.0V confirmation	TP4	13.1+/-0.2V
-13.0V confirmation	TP5	-13.1+/-0.2V
48.0V confirmation	TP3	48.0+/-4.0V
17.0V confirmation	TP14	15.30+/-0.40V
-11.0V confirmation	TP15	-10.50+/-0.40V

GND: TG1 (VTR MOTHER P.C.Board)

6. SERVO

6-1. T and S Reel Torque Offset Adjustment

BOARD	SERVO
TP	TP302 (T Reel), TP301 (S Reel), TG300
	(GND)
ADJUST	VR501 (T Reel), VR502 (S Reel)
MODE	Adjustment Mode
M. EQ	Digital Volt Meter
SPEC.	27 mV +/- 2 mV

< Menu >

*** VTR SERVICE MENU ***

<VTR SERVICE 2/3>

⇒ T TORQUE

⇒ S TORQUE

< T Reel Torque Offset Adjustment >

- Without inserting a tape, perform carriage-down then open the MENU and select the T-reel torque adjusting mode. (When the adjusting mode is selected the automatic loading process starts and the T-reel rotates.)
- 2. Lock the T reel motor by hand and adjust VR501 so that the voltage of TP302 is within specification.

< S Reel Torque Offset Adjustment >

- Without inserting a tape, perform carriage-down then open the MENU and select the S-reel torque adjusting mode. (When the adjusting mode is selected the automatic loading process starts and the T-reel rotates.)
- 4. Lock the T reel motor by hand and adjust VR502 so that the voltage of TP301 is within specification.
- 5. After adjustment, disengage the adjusting mode.

< Note >

After adjusting T/S Reel Torque, turn OFF/ON the power supply.

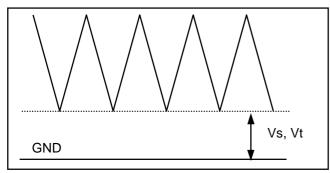
6-2. Adjustment of the Tape Beginning and End Detection Sensitivity

BOARD	SERVO
TP	TP503: Vs, TP504: Vt
ADJUST	VR503 : S PHOTO, VR504 : T PHOTO
INPUT	
MODE	STOP
TAPE	Tape Beg./End Detection Cassette
	(VFK1339KL)
M. EQ	Oscilloscope
SPEC.	Vs, Vt = 3.2V +/- 0.8V

- 1. Insert the Tape Beg./End Detection Cassette.
- 2. Adjust VR503 so that the Vs voltage of TP503 is within specification.
- 3. Adjust VR504 so that the Vt voltage of TP504 is within specification.

<Note>

Since VTR gets into EJECT mode after the cassette insertion, press the cassette not to eject and implement this adjustment.



6-3. CTL AMP Offset Voltage Adjustment

BOARD	SERVO
TP	TP901
ADJUST	VR950
MODE	REC-PAUSE
M. EQ	Digital Volt Meter
SPEC.	0 mV +/- 50 mV

1. Adjust VR950 so that the voltage of TP901 is within specification.

6-4. PG Shifter Adjustment and Confirmation

BOARD	SERVO
TP	TP113 (HSW A), TP102 (SPA A),
	TP114 (HSW C), TP103 (SPA C)
ADJUST	SERVICE MENU : PG SHIFT 100
INPUT	
MODE	STOP
TAPE	Alignment Tape (VFM3680KL)
M. EQ	Oscilloscope
SPEC.	Τ = 126.69μs +/- 2.5μs

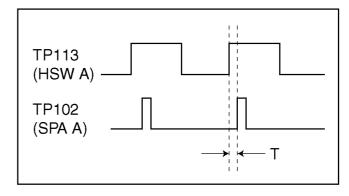
< Menu >

*** VTR SERVICE MENU ***

<VTR SERVICE 2/3>

⇒ PG SHIFT 100

- 1. Insert the alignment tape (VFM3680KL).
- 2. Connect the oscilloscope to TP113, TP102.
- Open SERVICE MENU, Select "PG SHIFT 100" to activate the PG adjusting mode. (At this time, the unit playback the tape and execute the PG SHIFTER adjustment automatically.)
- 4. After adjustment, press STOP button.
- 5. Confirms that T is within specification.
- 6. Perform above measurement 3 to 5 for the test point of TP114, TP103 to make sure that the results are within specification.

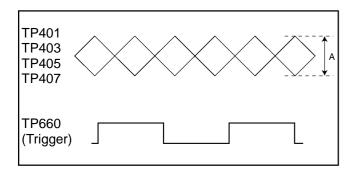


7. RF EQ

7-1. DRC Input Level Adjustment

BOARD	RFEQ
TP	TP401, TP403, TP405, TP407,
	TP660 (Trigger)
ADJUST	VR401, VR403, VR405, VR407
INPUT	Internal Color Bar
MODE	STILL
TAPE	Alignment Tape (VFM3680KL)
M. EQ	Oscilloscope
SPEC.	A = 500 mV +/- 50 mVp-p

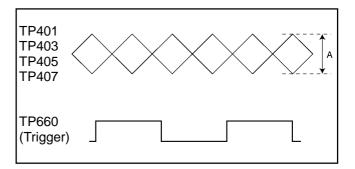
- 1. Adjust VR401 so that the level A is within specification at TP401.
- 2. Adjust VR403 so that the level A is within specification at TP403.
- 3. Adjust VR405 so that the level A is within specification at TP405.
- 4. Adjust VR407 so that the level A is within specification at TP407.



7-2. ATF Input Level Adjustment

BOARD	RFEQ
TP	TP400, TP402, TP404, TP406,
	TP660 (Trigger)
ADJUST	VR400, VR402, VR404, VR406
INPUT	Internal Color Bar
MODE	STILL
TAPE	Alignment Tape (VFM3680KL)
M. EQ	Oscilloscope
SPEC.	A = 500 mV +/- 100 mVp-p

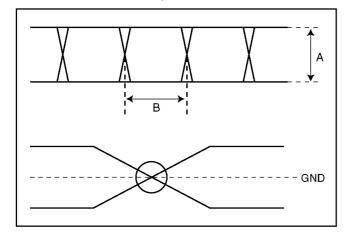
- 1. Adjust VR400 so that the level A is within specification at TP400.
- 2. Adjust the VR402 so that the level A is within specification at TP402.
- 3. Adjust VR404 so that the level A is within specification at TP404.
- 4. Adjust VR406 so that the level A is within specification at TP406.



7-3. HSE Input Adjustment

	T
BOARD	RFEQ
TP	TP820, TP821, TP822, TP823,
	TP660 (Trigger)
ADJUST	VR820, VR821, VR822, VR823
INPUT	Internal Color Bar
MODE	REC
TAPE	Blank Tape
M. EQ	Oscilloscope
SPEC.	A = 1.5V +/- 0.5 Vp-p
	B = 24nS +/-3 The nS

- 1. Insert a Blank Tape and press the REC button.
- 2. Confirm that the A and B are within specification at each test point and then also signal disappears when it is in REC PAUSE mode.
- 3. During the recording mode magnify the time range of oscilloscope, observe the waveform in the AC mode referring to the GND level and adjust VR820, VR821, VR822 and VR823 so that the crossing point of rise and fall sections of the waveform as shown below can be positioned on the GND level.



7-4. PLAY Error Rate Confirmation (Manual Adjustment)

BOARD	RFEQ
TP	LCD
INPUT	Internal Color Bar
MODE	PLAY
TAPE	Alignment Tape (VFM3680KL)
M. EQ	Monitor TV
SPEC.	Error Rate = Less than 10 scales (VITERBI
	ON)

< Menu >

*** VTR SERVICE MENU ***

<VTR SERVICE 1/3>

⇒ VITERBI

 \Rightarrow BER ADJ

⇒ BER SPEED

 Open the SERVICE MENU, and set the item as follows.

BER ADJ : L1L3
BER SPEED : SLOW
VITERBI : ON

- 2. Play the alignment tape and check that the error rate is within specification.
- Confirm the error rate of all heads (total 8 units) by switching the BER ADJ to the order of R1R3, L2L4 and R2R4.

7-5. REC Signal Detection System Position Adjustment

BOARD	RFEQ
TP	IC104-5PIN, TP102
ADJUST	VR108
INPUT	Internal Color Bar
MODE	REC
TAPE	Blank Tape
M. EQ	Oscilloscope
SPEC.	C = 5 uS -0/+3uS

< Menu >

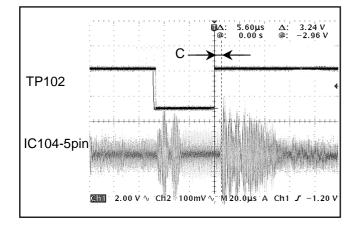
*** VTR SERVICE MENU ***

<VTR SERVICE 1/3>

- ⇒ RDS REC ADJ
- \Rightarrow RDS TYPE
- 1. Set the time range of the oscilloscope to 20uS/DIV.
- 2. Open the SERVICE MENU and set the item as follows.

RDS REC ADJ : L RDS TYPE : REC

3. Adjust VR108 so that the timing C of signal is within specification.



7-6. REC Signal Detection System Level Adjustment

BOARD	RFEQ
TP	TP100, TP102
	Trigger (TP660 : L1L3, TP661 : R1R3,
	TP662 : L2L4, TP663 : R2R4)
ADJUST	VR101 : L1, VR100 : L3, VR103 : R1,
	VR102 : R3, VR105 : L2, VR104 : L4,
	VR107 : R2, VR106 : R4
INPUT	Internal Color Bar
MODE	REC
TAPE	Blank Tape
M. EQ	Oscilloscope (Time range : 20uS/DIV)
SPEC.	See below

< Menu >

*** VTR SERVICE MENU ***

<VTR SERVICE 1/3>

⇒ RDS REC ADJ

<VTR D/A DATA>

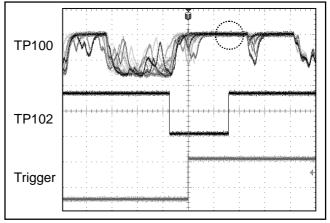
⇒ ADJUST ADDRESS (01) to (08)

 \Rightarrow ADJUST DATA

1. Confirm that the value of each items from ADR [01] to [08] in the VTR D/A DATA page are "BB".

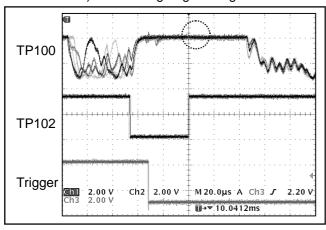
< Adjustment of the L1L3 Head >

- 1. Connect the Oscilloscope to TP100, TP102 and TP660 (trigger).
- 2. Switch the item RDS. REC ADJ to "L1".
- 3. Adjust VR101 so that the signal at TP100 is flat (no fluctuation) at the rising edge timing of TP102.
- 4. Switch the item RDS. REC ADJ to "L3".
- Adjust VR100 so that the signal at TP100 is flat (no fluctuation) at the rising edge timing of TP102.



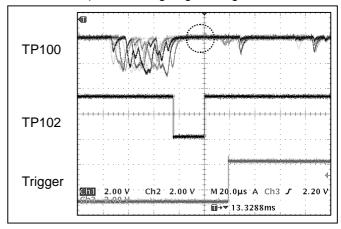
< Adjustment of the R1R3 Head >

- 1. Connect the Oscilloscope to TP100, TP102 and TP660 (trigger).
- 2. Switch the item RDS. REC ADJ to "R1".
- 3. Adjust VR103 so that the signal at TP100 is flat (no fluctuation) at the rising edge timing of TP102.
- 4. Switch the item RDS. REC ADJ to "R3".
- 5. Adjust VR102 so that the signal at TP100 is flat (no fluctuation) at the rising edge timing of TP102.



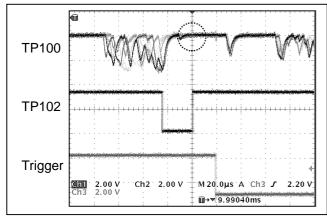
< Adjustment of the R2R4 Head >

- 1. Connect the Oscilloscope to TP100, TP102 and TP660 (trigger).
- 2. Switch the item RDS. REC ADJ to "R2".
- 3. Adjust VR107 so that the signal at TP100 is flat (no fluctuation) at the rising edge timing of TP102.
- 4. Switch the item RDS. REC ADJ to "R4".
- 5. Adjust VR106 so that the signal at TP100 is flat (no fluctuation) at the rising edge timing of TP102.



< Adjustment of the L2L4 Head >

- 1. Connect the Oscilloscope to TP100, TP102 and TP660 (trigger).
- 2. Switch the item RDS. REC ADJ to "L2".
- 3. Adjust VR105 so that the signal at TP100 is flat (no fluctuation) at the rising edge timing of TP102.
- 4. Switch the item RDS. REC ADJ to "L4".
- 5. Adjust VR104 so that the signal at TP100 is flat (no fluctuation) at the rising edge timing of TP102.



7-7. REC Signal Detection System Operation Confirmation

BOARD	RFEQ
TP	LCD
ADJUST	EVR : For REC CUR
	[ADR : 1D], [ADR : 1E], [ADR : 1F],
	[ADR: 20], [ADR: 21], [ADR: 22],
	[ADR : 23], [ADR : 24]
INPUT	Internal Color Bar
MODE	REC
TAPE	Blank Tape
M. EQ	Oscilloscope
SPEC.	Indicate the "RF" and blink the "WARNING"
	On the LCD display.

< Menu to Use >

*** VTR SERVICE MENU ***

<VTR SERVICE 1/3>

 \Rightarrow RDS TYPE

<VTR D/A DATA>

⇒ ADJUST ADDRESS (01) to (08)

⇒ ADJUST DATA

< Detection Confirmation at REC Mode >

- Open the SERVICE MENU and set the RDS TYPE to "REC".
- 2. Take a note of each ADDRESS DATA according to ADJUST ADDRESS value (01) to (08).
- 3. Insert the blank tape and record the internal color bar signal.
- 4. Select the item ADJUST ADDRESS (01) and set the ADJUST DATA value to "00".
- 5. After change the ADJUST DATA value, Confirm that the "RF" is displayed and "WARNING LED" blinks on LCD display.
- 6. Set the ADJUST DATA value of the ADJUST ADDRESS (01) back to original value.
- 7. Place the unit to REC-PAUSE.
- 8. Perform the same confirmation for ADJUST ADDRESS (02), (03), (04), (05), (06), (07) and (08) following above step 3 to 6.

< Detection Confirmation at SHORT PLAY Mode >

- Open the SERVICE MENU and set the RDS TYPE to "S PLAY".
- 2. Perform confirmation following steps 1 to 8 of the "Detection Confirmation at REC Mode".

< Detection Confirmation at BOTH Mode >

- 1. Open the SERVICE MENU and set the RDS TYPE to "BOTH".
- 2. Perform confirmation following steps 1 to 8 of the "Detection Confirmation at REC Mode".

ADJUST	ADJUST DATA			
ADDRESS	REC	S PLAY	BOTH	
(01)				
(02)				
(03)				
(04)				
(05)				
(06)				
(07)				
(80)				

Table RDS-1. Setting Value Memo

<NOTE>

RDS: Low RF Detection System

Detect function to notice user Head Clogging (Level Down of RF Signal) as a WARNING.

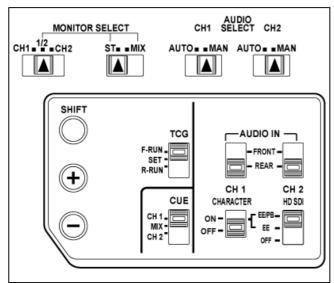
< AUDIO >

8. AUDIO LCD

8-1. Initial Setting

< Side Switch Setting >

MONITOR SELECT : 1/2, ST
AUDIO SELECT (CH1/2) : MAN
AUDIO IN (CH1/2) : REAR
CUE : CH1
HD SDI : EE/PB



Side panel of AJ-HDC20AMC

< REAR JACK Switch Setting >

REAR JACK (CH1/2) : LINE

< Menu Setting >

*** VTR MAIN MENU *** (ENG level)

<MIC/AUDIO>

: OFF FRONT MIC POWER : OFF MIC LOWCUT CH1 MIC LOWCUT CH2 : OFF LIMITER : OFF **TEST TONE** : ALWAYS REC CH3/CH4 : CH1/2 **CUE SELECT** : SIDE SW **CUE REC** : ON

*** VTR SERVICE MENU *** (SERVICE level)

<VTR SERVICE 3/3>

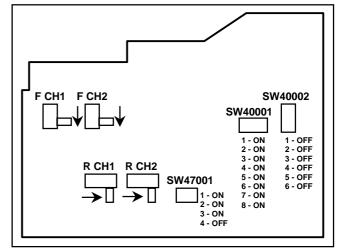
AUDIO PB SEL : CH1/2 AUDIO SAVE : OFF AUDIO CH7/8 : EE/PB

<Note>

Above AUDIO SAVE items are reset to "ACTIVE" when the power of the main unit is turned OFF.

< SW Setting of AUDIO LCD P.C.Board >

SW1002	(F CH1)	:	-50
SW2002	(F CH2)	:	-50
SW1001	(R CH1)		-60
SW1001	(R CH2)	:	-60
	DIP SW	1	ON
SW47001		2	ON
30047001		3	ON
		4	OFF
SW40001	DIP SW	1-8	ALL ON
SW40002	DIP SW	1-6	ALL OFF



SW Location of AUDIO LCD Board (Foil side)

8-2. PB Level Adjustment

BOARD	AUDIO LCD
TP	AUDIO OUT (CH1, CH2)
ADJUST	VR45001 : CH1, VR45002 : CH2
TAPE	Alignment Tape (VFM3680KL)
	00:00:00:00 - 00 00:07:00:
M. EQ	Audio Analyzer
SPEC.	0dBu +/- 0.2 dB

- Connect the audio analyzer to the AUDIO OUT terminal.
- 2. Play the alignment tape.
- 3. Adjust VR45001 and VR45002 so that the output level is within specification.

8-3. REC Level Adjustment

BOARD	AUDIO LCD
TP	AUDIO OUT (CH1, CH2)
ADJUST	VR43002 : CH1, VR43004 : CH2
INPUT	0dBu, 1kHz (REAR CH1/2)
MODE	STOP
TAPE	
M. EQ	Audio Analyzer
SPEC.	0dBu +/- 0.2 dB

- Input the audio signal of 0dBu/1kHz to the REAR AUDIO IN terminal.
- 2. Adjust VR43002 and VR43004 so that the output level is within specification.

8-4. Audio Level Meter Adjustment

BOARD	AUDIO LCD
TP	TP46001 : CH1, TP46002 : CH2
ADJUST	VR46001 : CH1, VR46002 : CH2
INPUT	0dBu, 1kHz (REAR CH1/2)
MODE	STOP
TAPE	
M. EQ	Audio Analyzer
SPEC.	+0.780V +/- 0.005V

- Input the audio signal of 0dBu/1kHz to the REAR AUDIO IN terminal.
- 2. Adjust VR46001 and VR46002 so that the voltage of each test point are within specification.

<Note>

At this time, confirm that the LCD Level Meter displayed "-18dB".

8-5. Test Tone Adjustment

BOARD	AUDIO LCD	
TP	AUDIO OUT (CH1)	
ADJUST	VR43005, VR43006	
INPUT	Internal Color Bar	
MODE	STOP	
TAPE		
M. EQ	Audio Analyzer (22Hz-22kHz Filter)	
SPEC.	Distortion : 1.0% +/- 0.1%	
	Output : 0.2dBu +/- 0.2dB	

- Select the internel color bar to output the TEST TONE.
- 2. Adjust VR43005 so that the distortion is within specification.

- 3. Adjust VR43006 so that the output level is within specification.
- 4. Set the internal color bar to OFF.

8-6. CUE PB Level Adjustment

BOARD	AUDIO LCD
TP	TP48002
ADJUST	VR48002
INPUT	
MODE	PLAY
TAPE	Alignment Tape (VFM3680KL)
	00:00:00:00 - 00 00:07:00:
M. EQ	Audio Analyzer (1kHz B.P.F)
SPEC.	-6.0dBu +/- 0.5 dB

- 1. Play the alignment tape.
- 2. Adjust VR48002 so that the level of TP48002 is within specification.

8-7. CUE REC level adjustment

BOARD	AUDIO LCD
DOAND	AUDIO LOD
TP	TP48001
ADJUST	VR48001
INPUT	0dBu, 1kHz (REAR CH1/CH2)
MODE	STOP
TAPE	
M. EQ	Audio Analyzer
SPEC.	-30.0dBu +/- 0.2 dB

- Input the audio signal of 0dBu/1kHz to the REAR AUDIO IN terminal.
- 2. Adjust VR48001 so that the level of TP48001 is within specification.

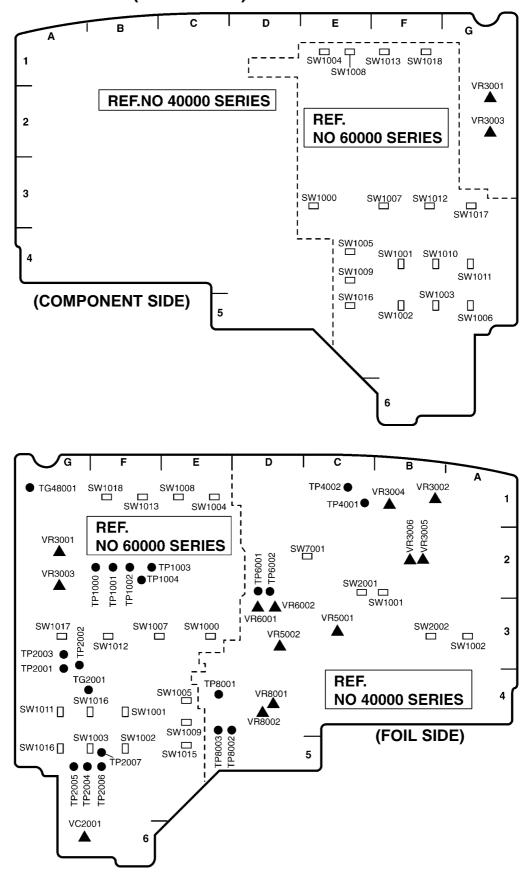
8-8. CUE REC Current Adjustment

BOARD	AUDIO LCD, CUE
TP	TP48002 [AUDIO LCD]
ADJUST	VR1002 [CUE]
INPUT	0dBu, 1kHz (REAR CH1/CH2)
MODE	REC, PLAY
TAPE	Blank Tape
M. EQ	Audio Analyzer (1LHz B.P.F)
SPEC.	-6.0dBu +/- 0.5 dB

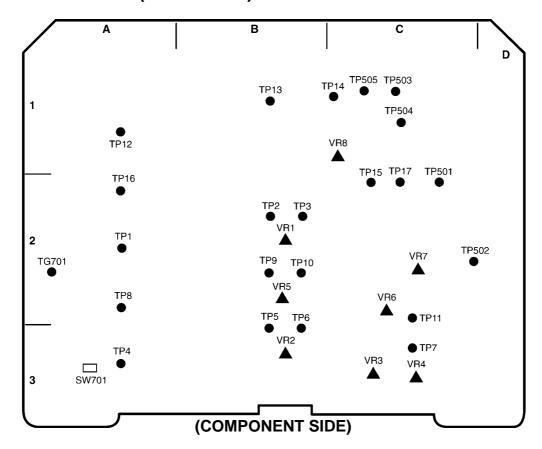
- Input the audio signal of 0dBu/1kHz to the REAR AUDIO IN terminal and record it.
- 2. Play the recorded portion and adjust VR1002 so that the signal level of TP48002 is within specification.

9. TP, VR and SW Location

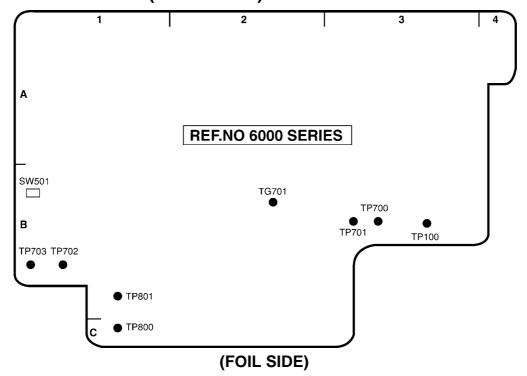
AUDIO LCD P.C.BOARD (VEP84331C)



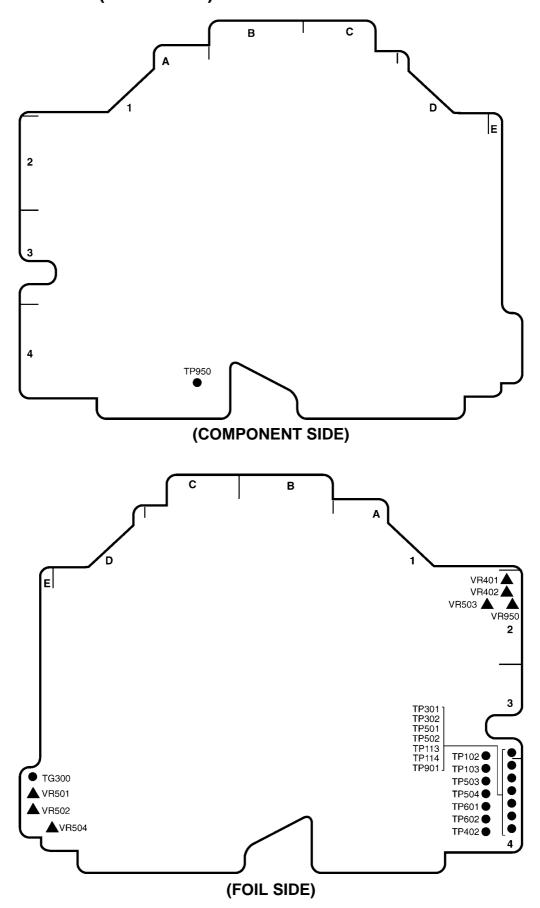
VIDEO OUT P.C.BOARD (VEP23500A)



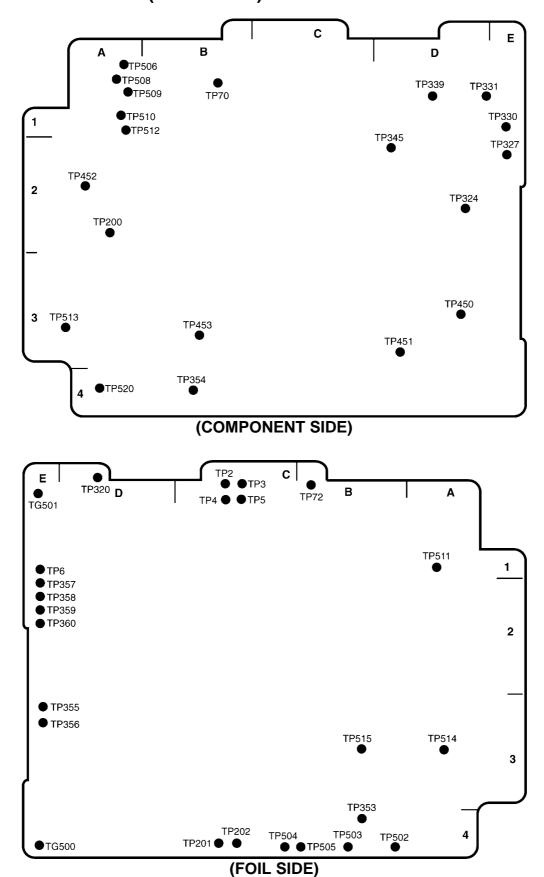
VTR SYSCON P.C.BOARD (VEP86303D)



SERVO P.C.BOARD (VEP82224C)



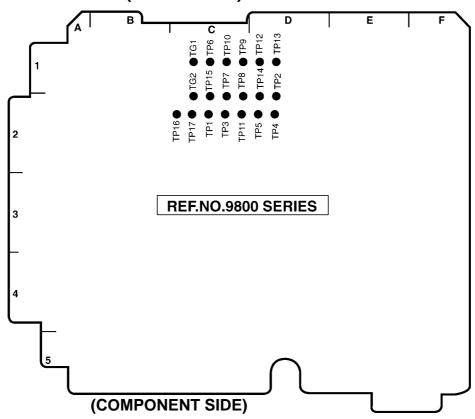
VIDEO MAIN P.C.BOARD (VEP83462D)



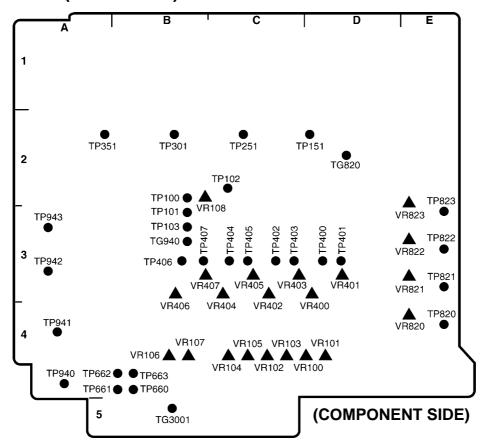
DSP 3 P.C.BOARD (VEP23509B)



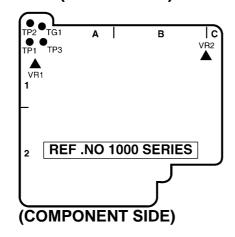
VTR MOTHER P.C.BOARD (VEP80B10A)

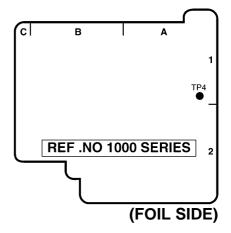


RF EQ P.C.BOARD (VEP87104B)

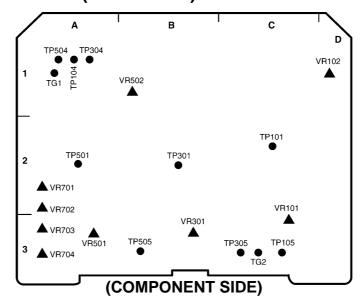


CUE P.C.BOARD (VEP84353A)

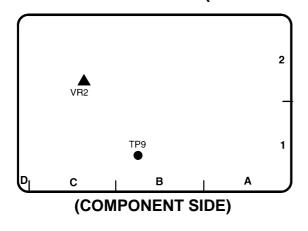




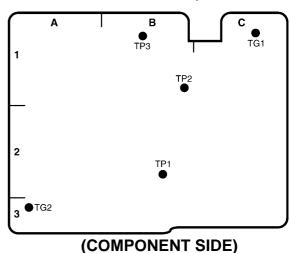
PRE PROCESS P.C.BOARD (VEP23501A)



HD SDI TX P.C.BOARD (VEP83460B)

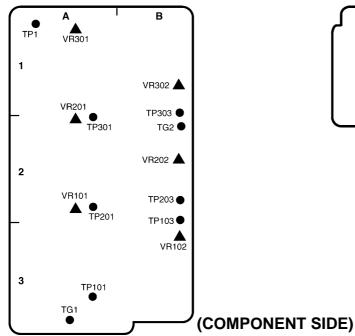


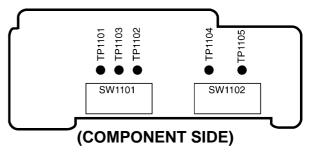
CCD PULSE P.C.BOARD (VEP20800C)



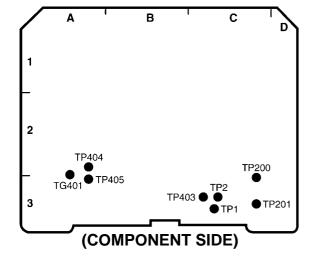
PRE AMP P.C.BOARD (VEP25119A)

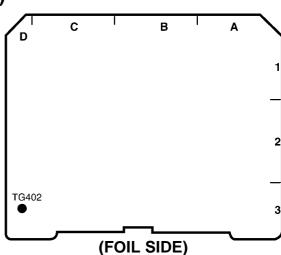
REAR SW P.C.BOARD (VEP80B45A)



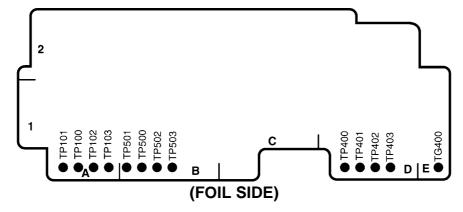


CAMERA SYSCON P.C.BOARD (VEP26234D)





HEAD BUFF P.C.BOARD (VEP85179B)

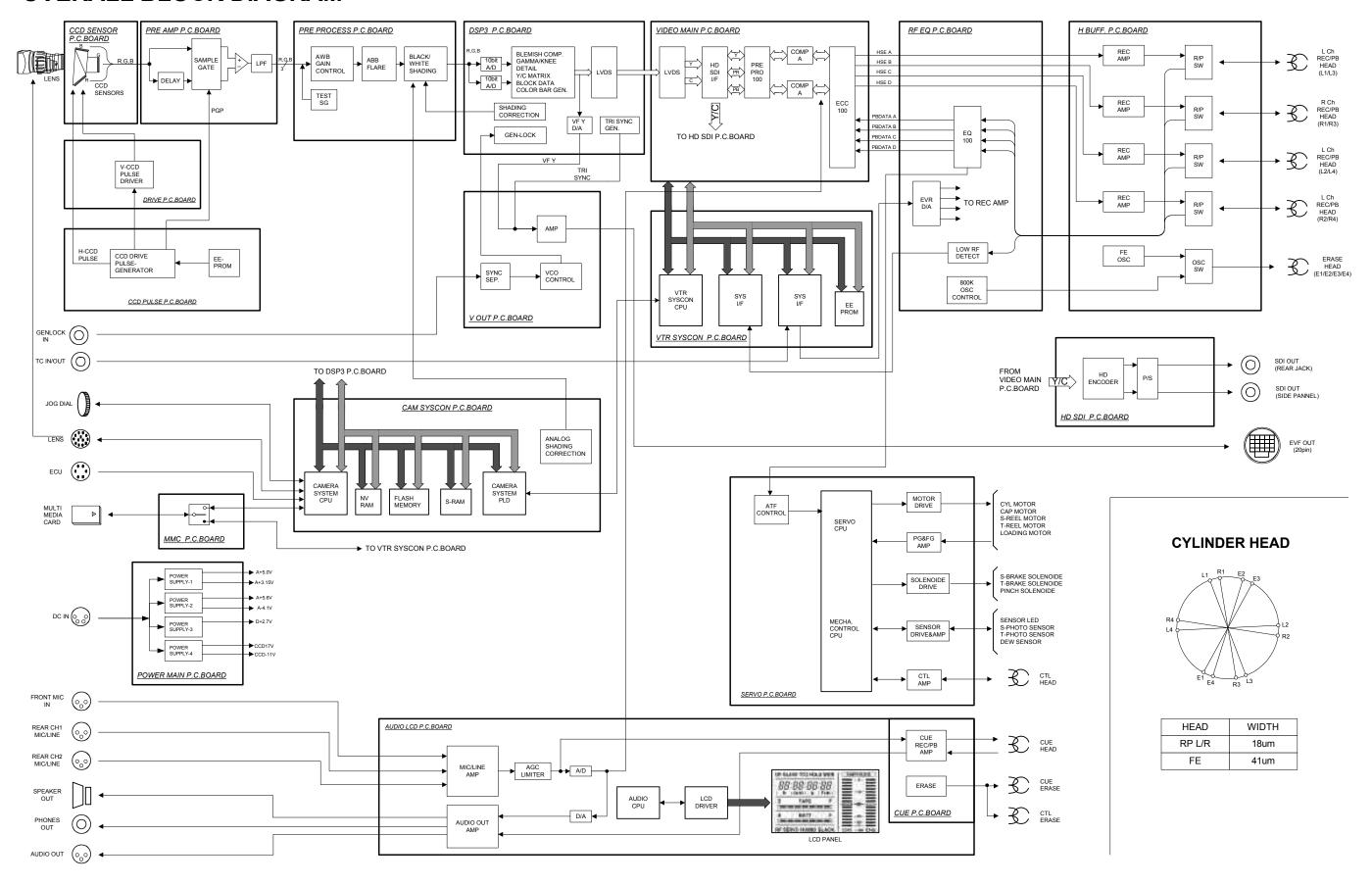


BLOCK DIAGRAMS

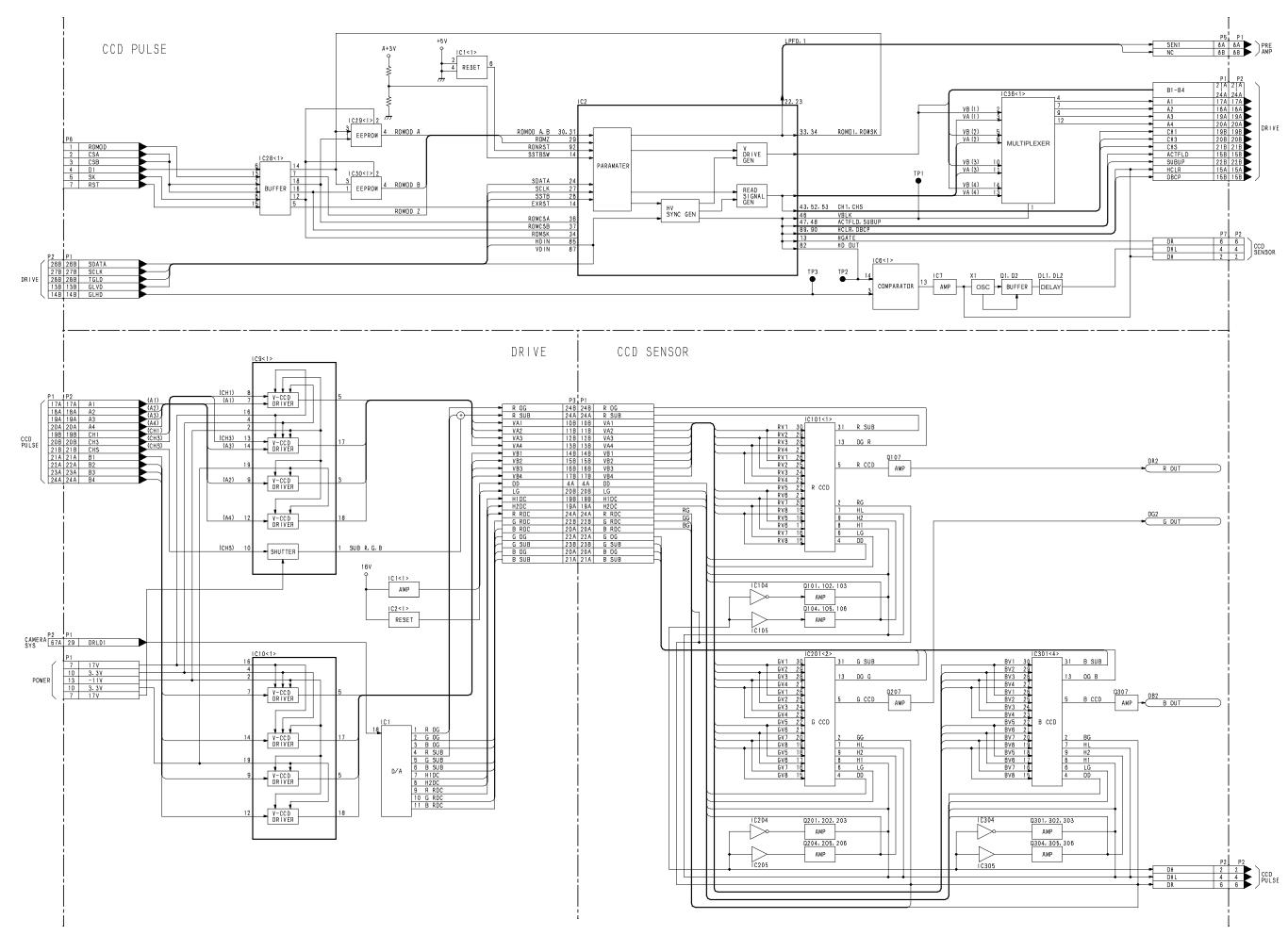
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OVERALL BLOCK DIAGRAM	BLK-1
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PRE PROCEDSS/PRE AMP BLOCK DIAGRAM	BLK-3
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CAMERA SYSCON BLOCK DIAGRAM	BLK-11
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POWER MAIN/SUB BLOCK DIAGRAM	BI K-13

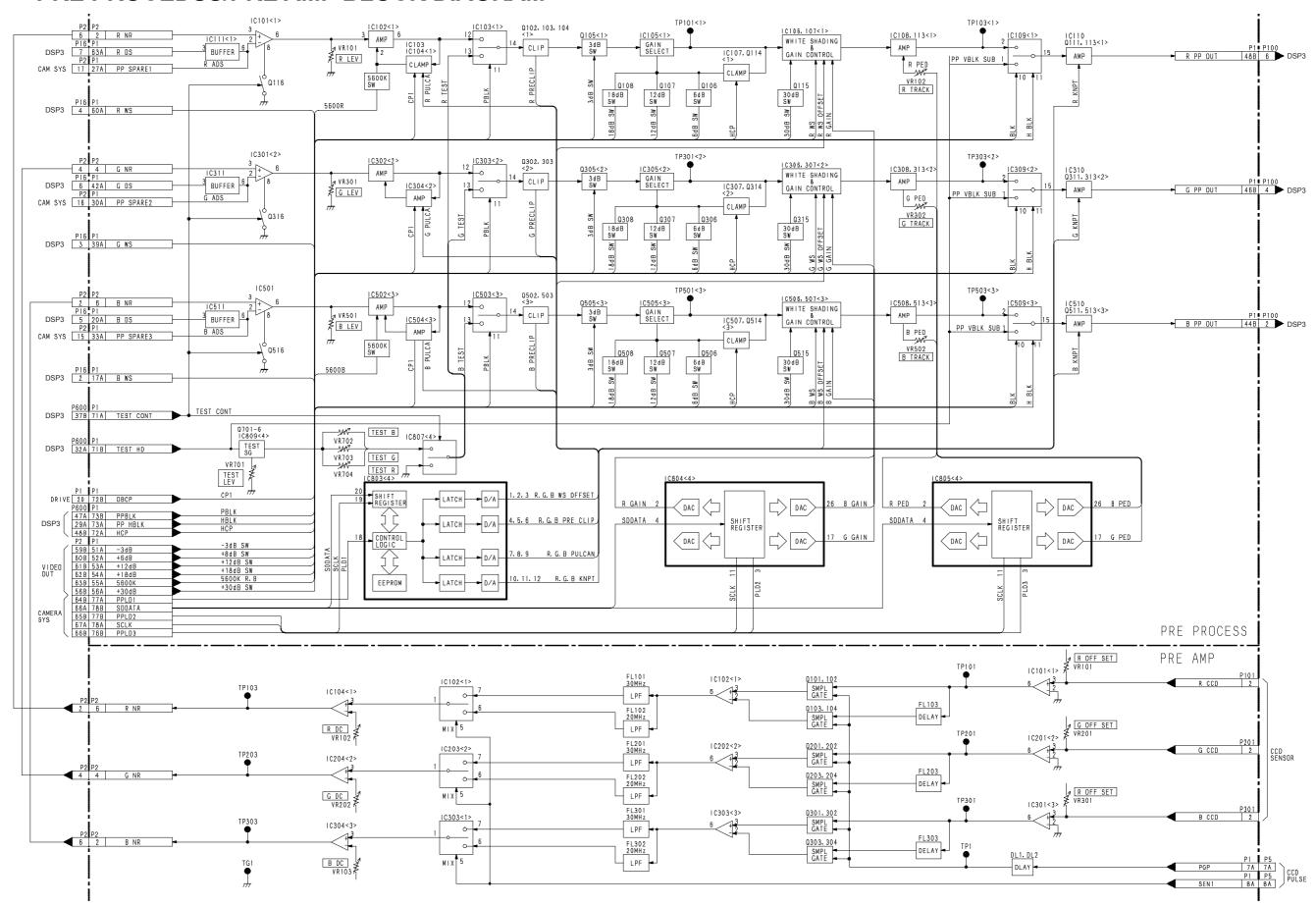
OVERALL BLOCK DIAGRAM



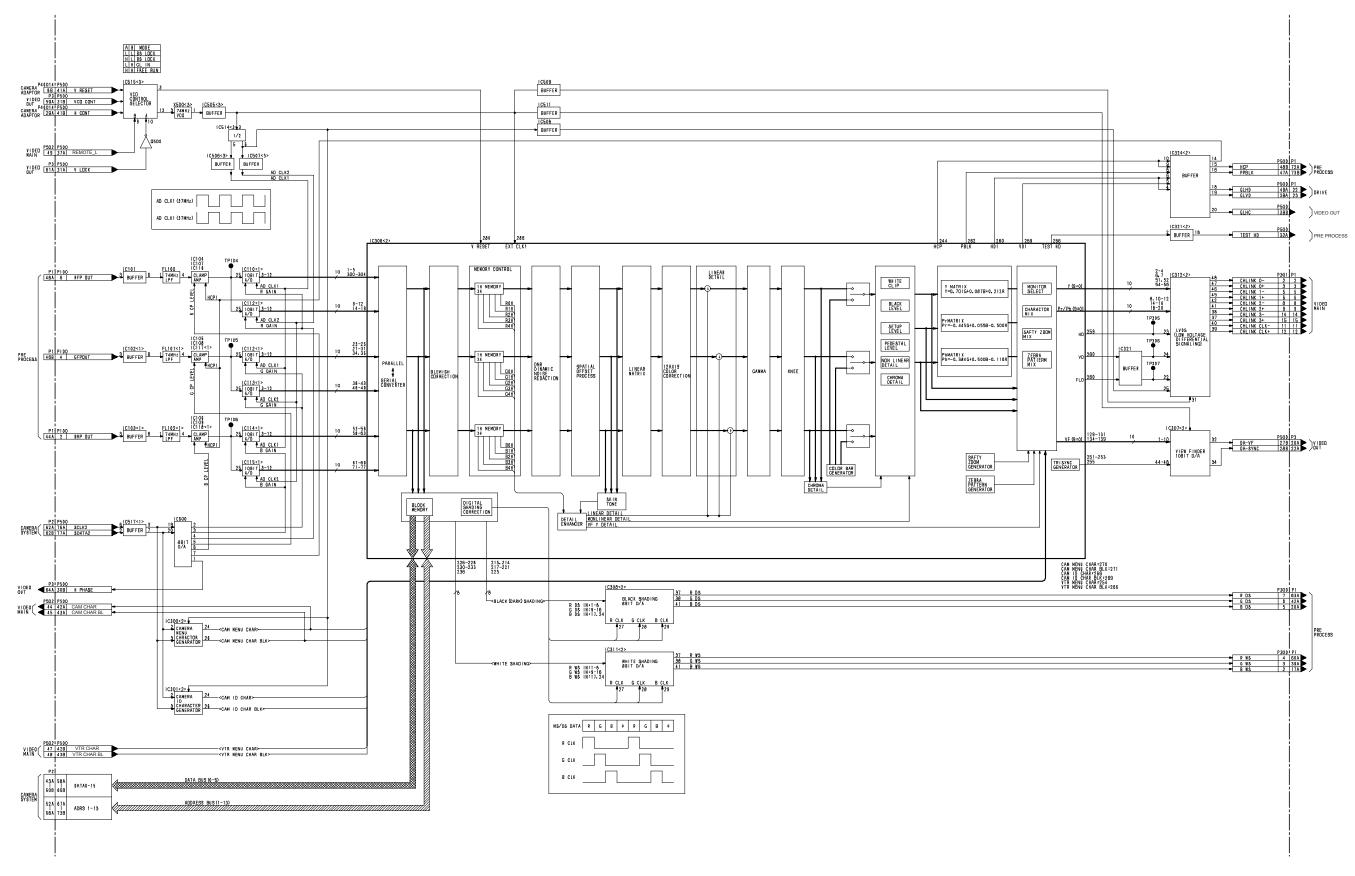
CCD SENSOR/CCD PULSE/DRIVE BLOCK DIAGRAM



PRE PROCEDSS/PRE AMP BLOCK DIAGRAM

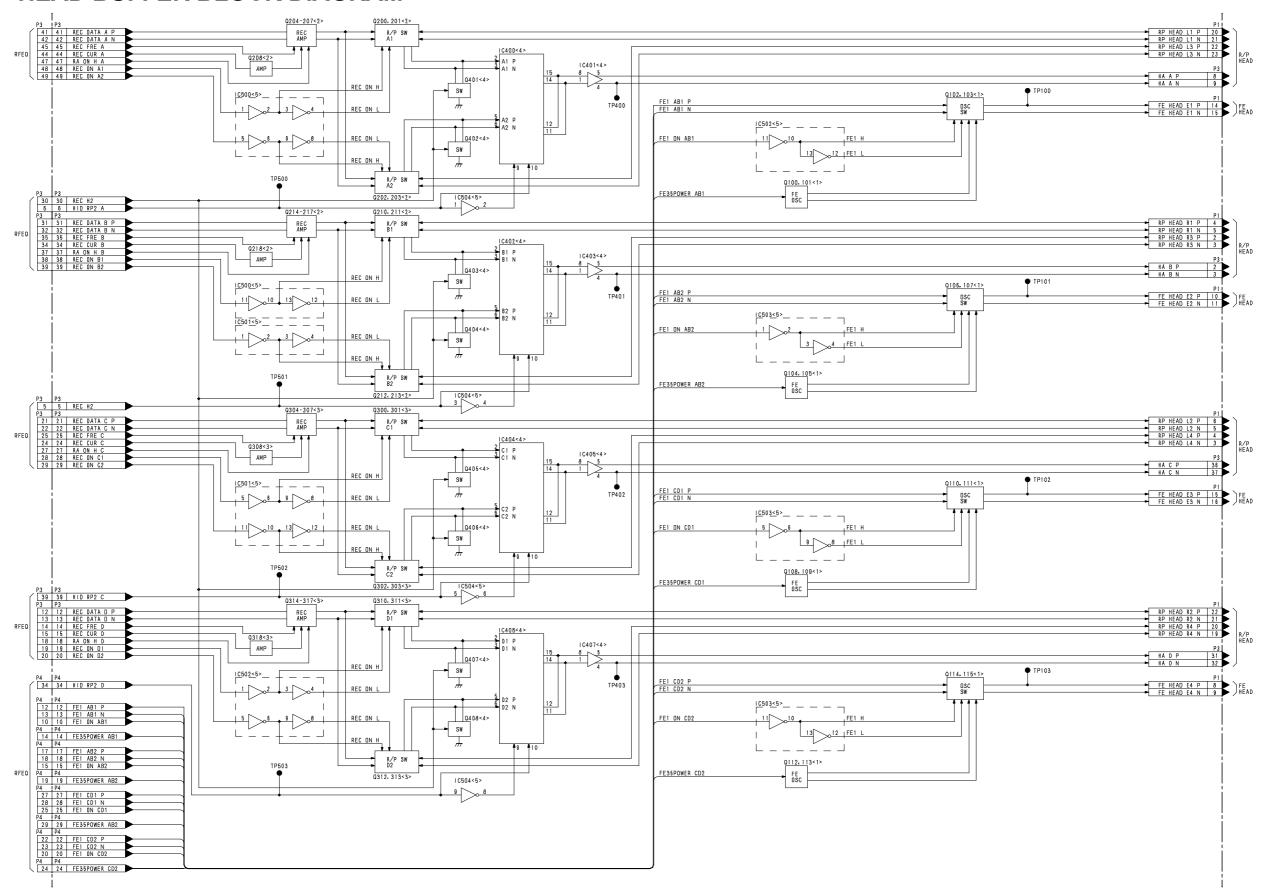


DSP3 BLOCK DIAGRAM



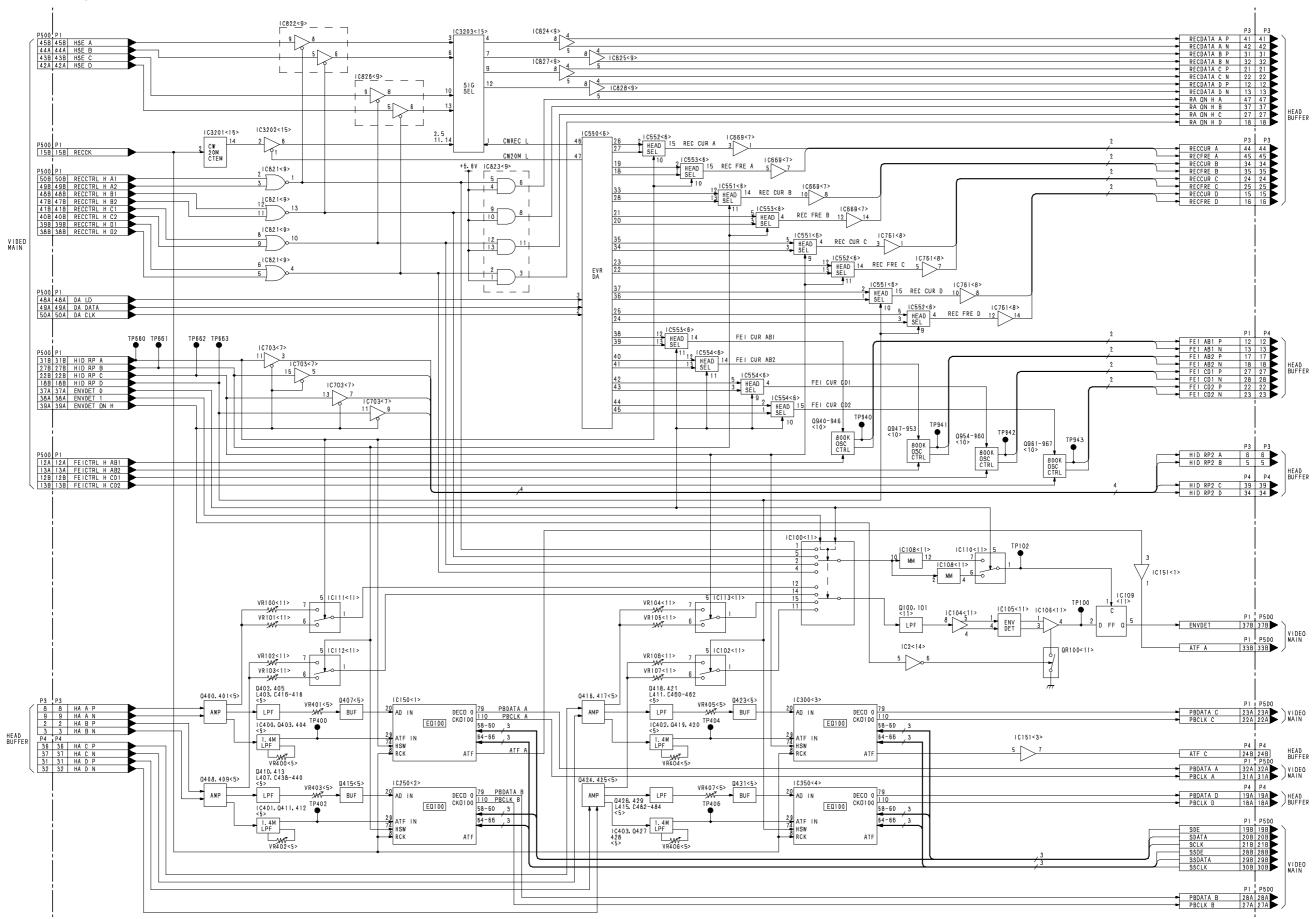
VIDEO OUT BLOCK DIAGRAM CAMERA SYSCON 38B 69B RET SEL LC34<1> VTR_CHARA_BL VTR_CHARA PB_H 10 A7 TP14 +4.5V IC13<1> g IC27 1016<1> P1 P8 EVF TERMINAL (20pin) R127 \$ | C26<1> 10 1028<1> 11 ₹ VR8 VF-Y 1C23<1> | FL7<1> 1024<1> P600 P1 DSP3 278 20A DA VF EE/PB-RET 74M CLOCK NOISE CANCELER EE-PB SELECT SELECT TP16 | C30<1> | FL9<1> ≶ R129 1031, 32<1> ± C106 74M CLOCK NOISE CANCELER DSP 3 28B 22A DA SYNC IC24<1> VIDEO P73 P1 MAIN 1 47A PB Y TP15<1> IC29<1> CAMERA ADAPTOR 31A 25A RET Y P2 P1 CAMERA | 66A 78B | SDATA | SYSCON | 67A 78A | SCLK 14 GAIN 6 1-5, 15 SEL GL IC31<1> 5 TP501<2> TP17<1> 7 0 1038<1> GL IN VF 51A 59B -3dB 52A 60B +6dB PRE PROCESS 53A 61B +12dB 54A 62B +18dB 55A 63B 5600K GEN LOCK IN 10501<2> V SYNC OUT SYNC SEP H SYNC DUT SUB BNC P602 P1 DSP 3 (30B 64A H-PHASE 38B 69A GLHD1 TP505<2> VC0-CONT H SYNC PHASE CONTROLLER VCD CONT 59A 31B DSP 3 1C702.Q701-704<3> R701-710<3> C701-711<3> +4.5V A +5V DC-DC CONVERTER A -5V Q710 QR702 GL+4. 5V Q708 Q709 GL-4.5V GL PW

HEAD BUFFER BLOCK DIAGRAM

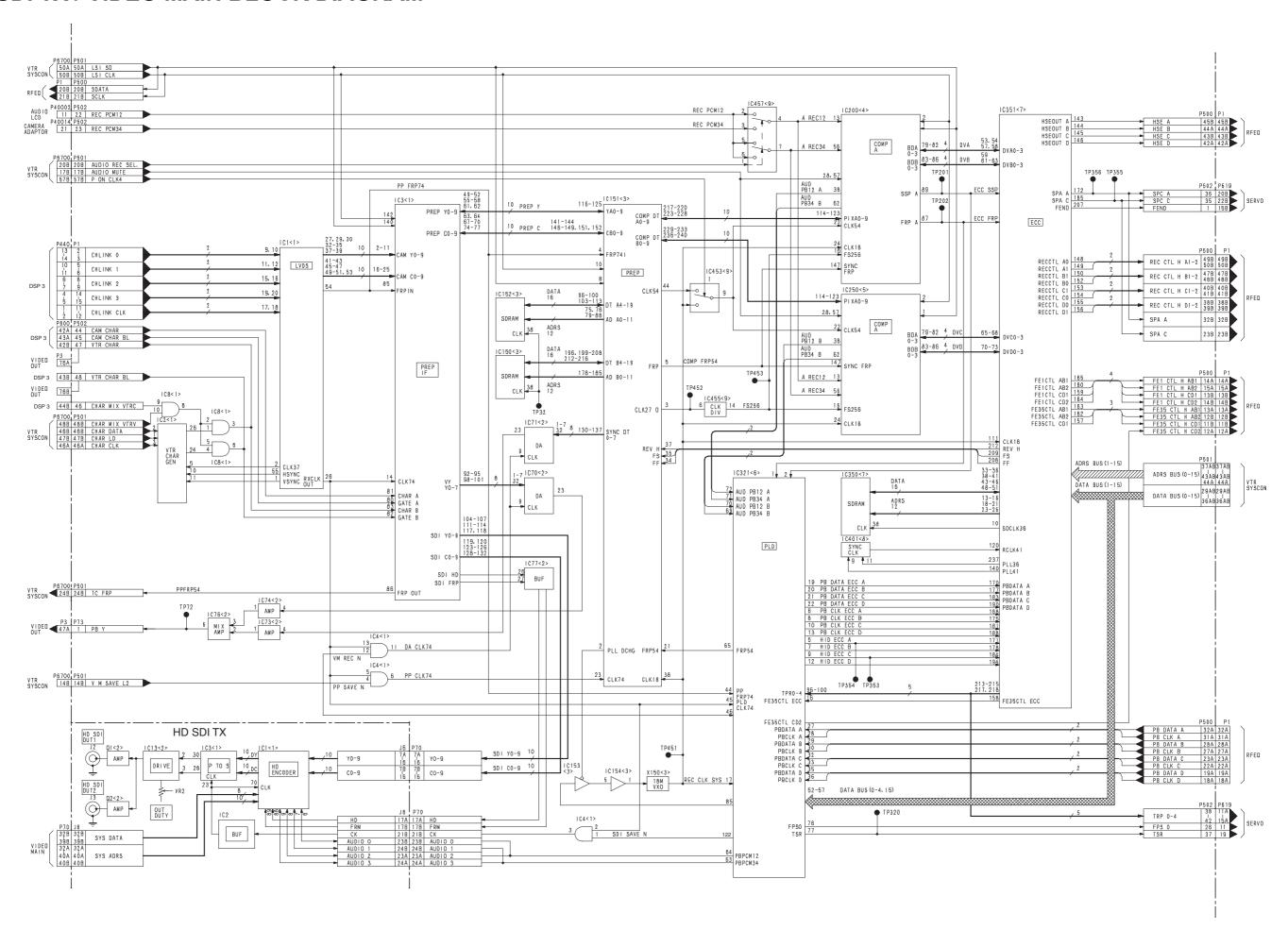


BLK-6

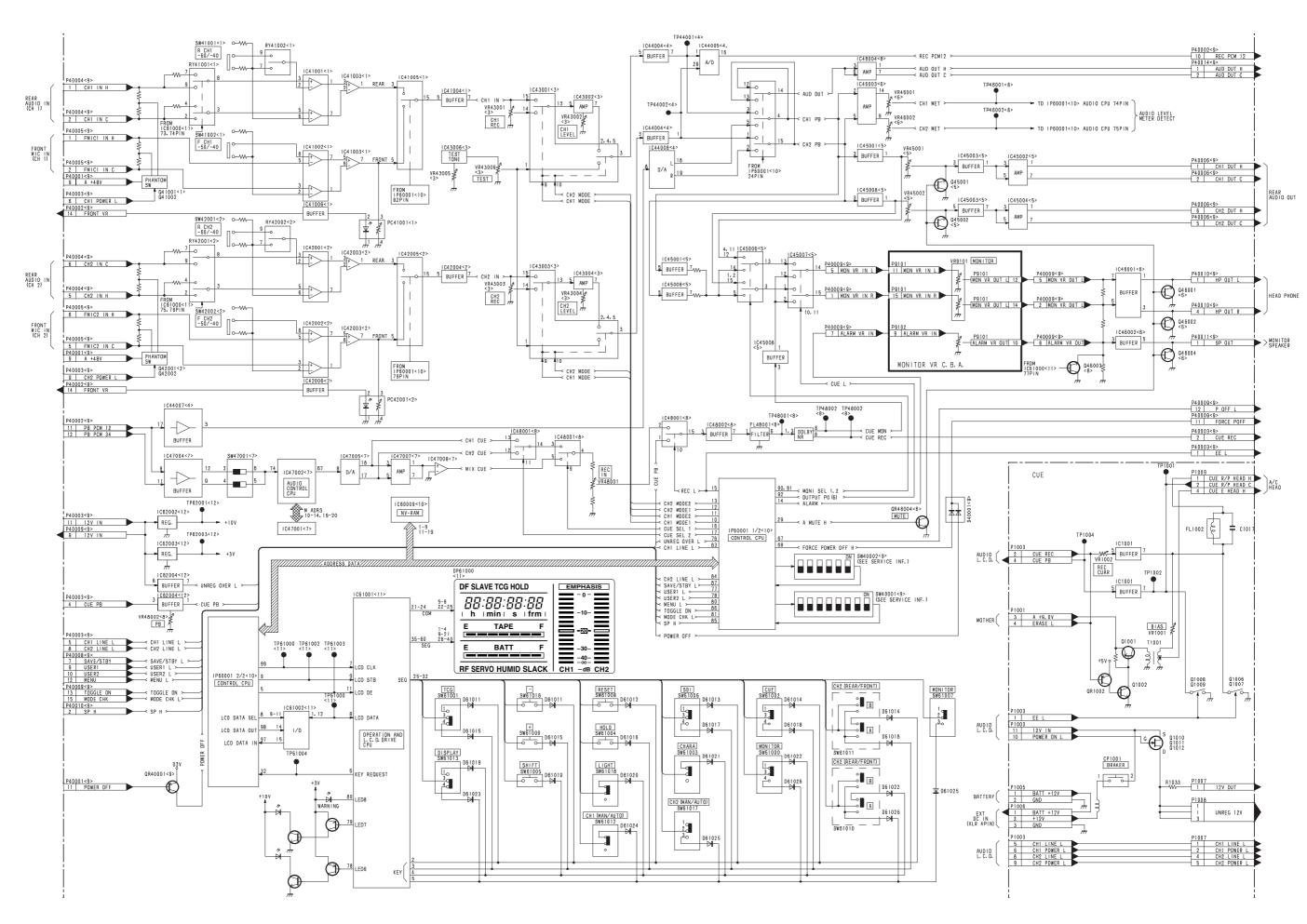
RF EQ BLOCK DIAGRAM



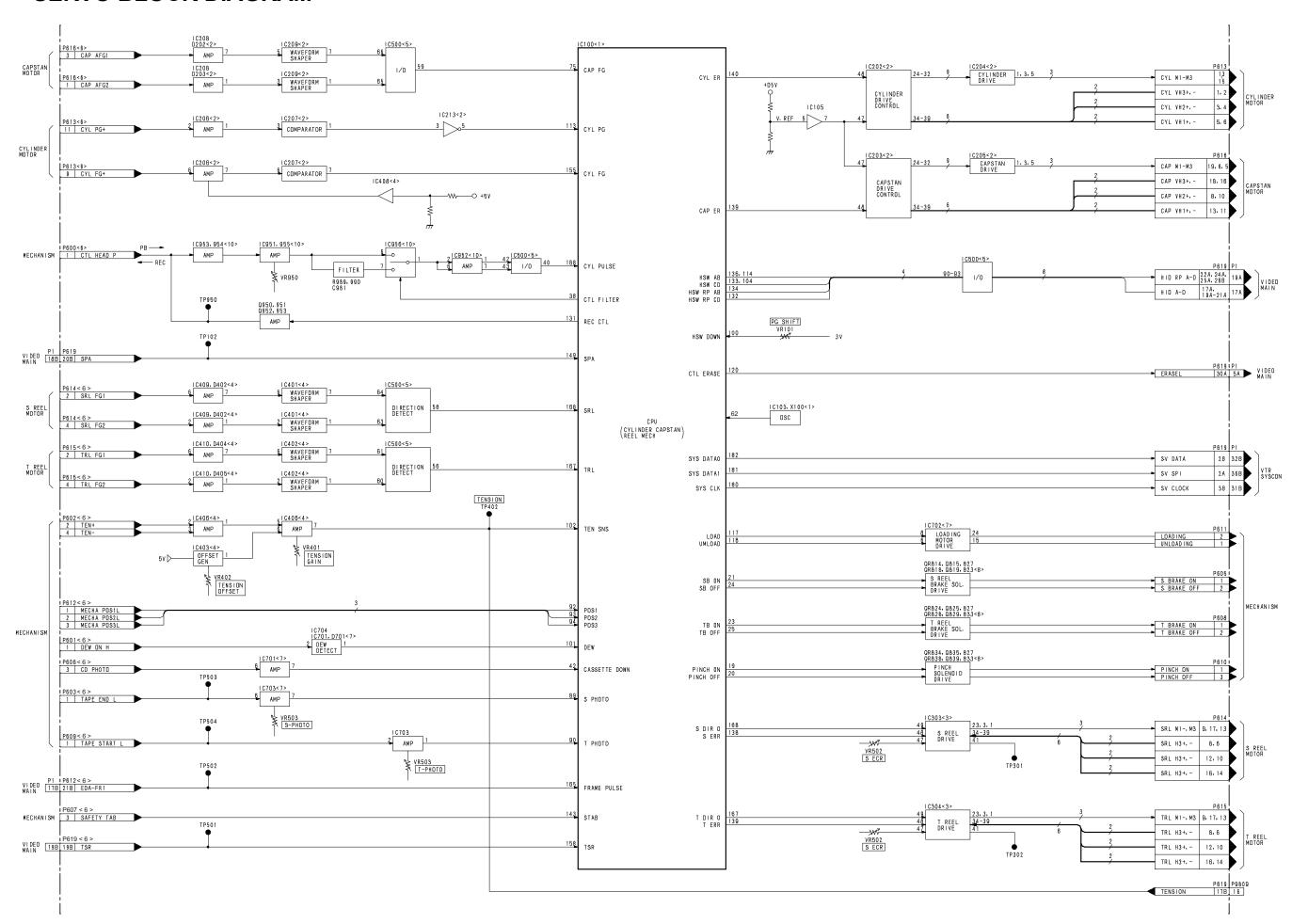
HD SDI TX / VIDEO MAIN BLOCK DIAGRAM



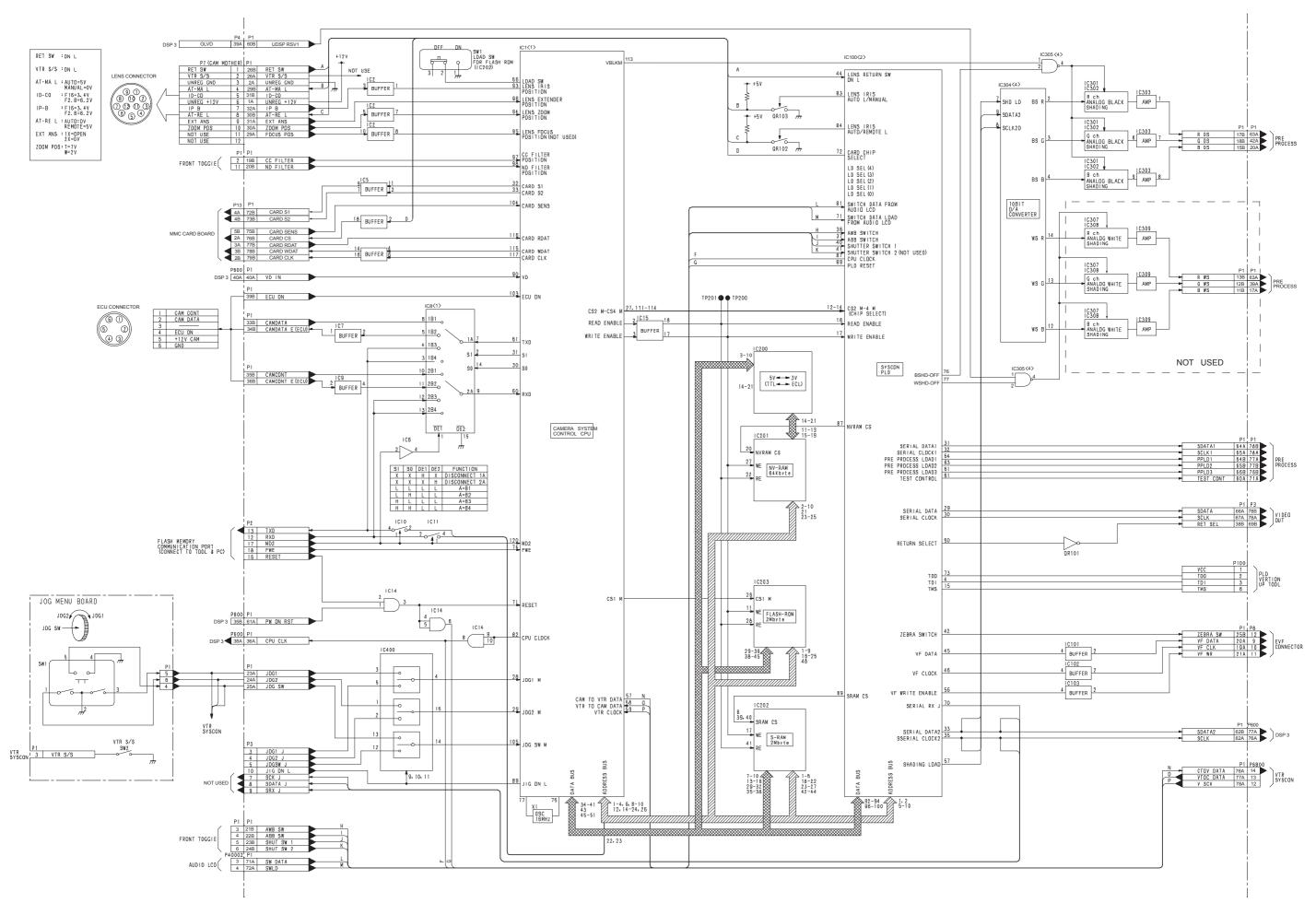
AUDIO LCD / CUE BLOCK DIAGRAM



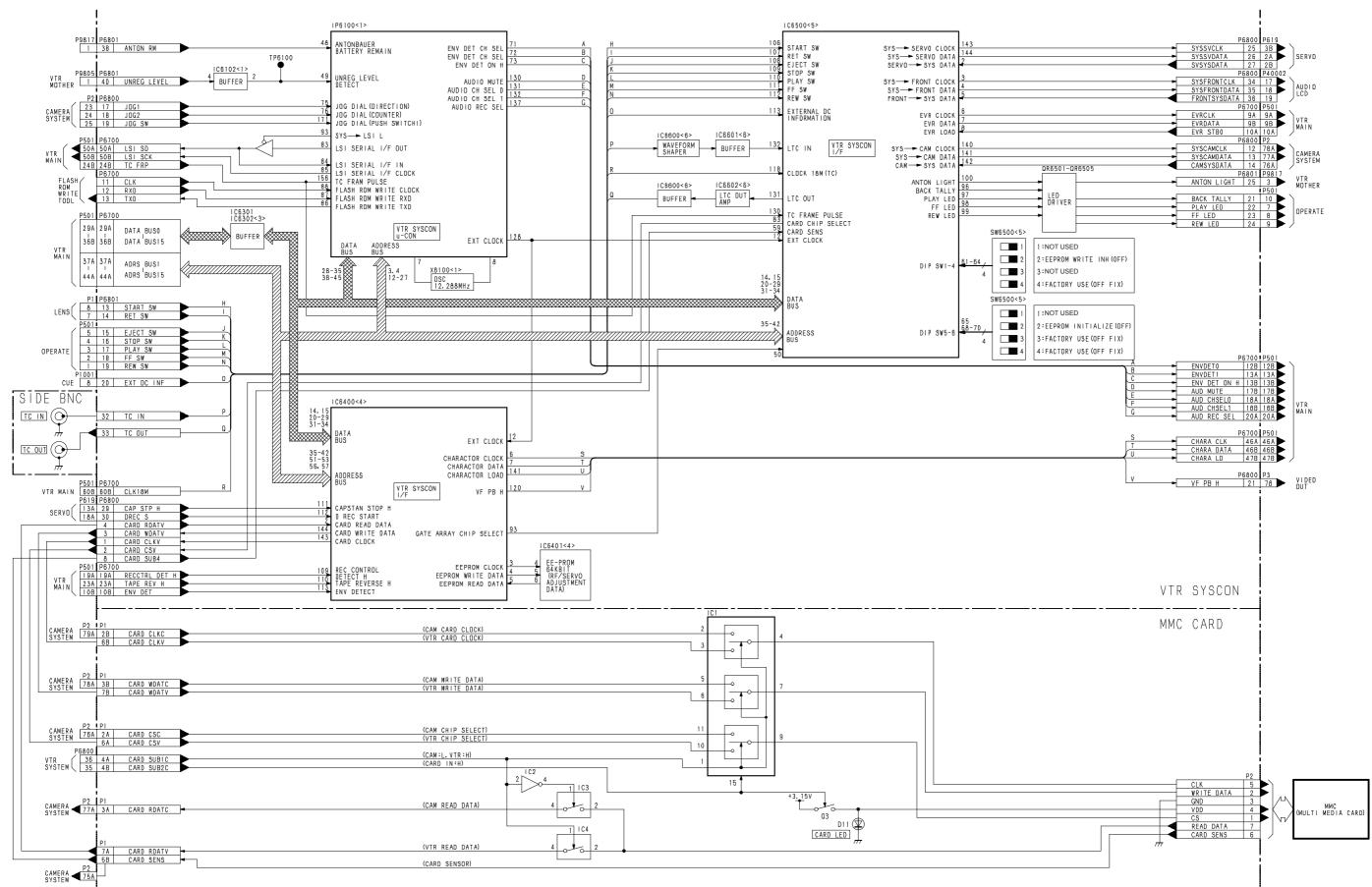
SERVO BLOCK DIAGRAM



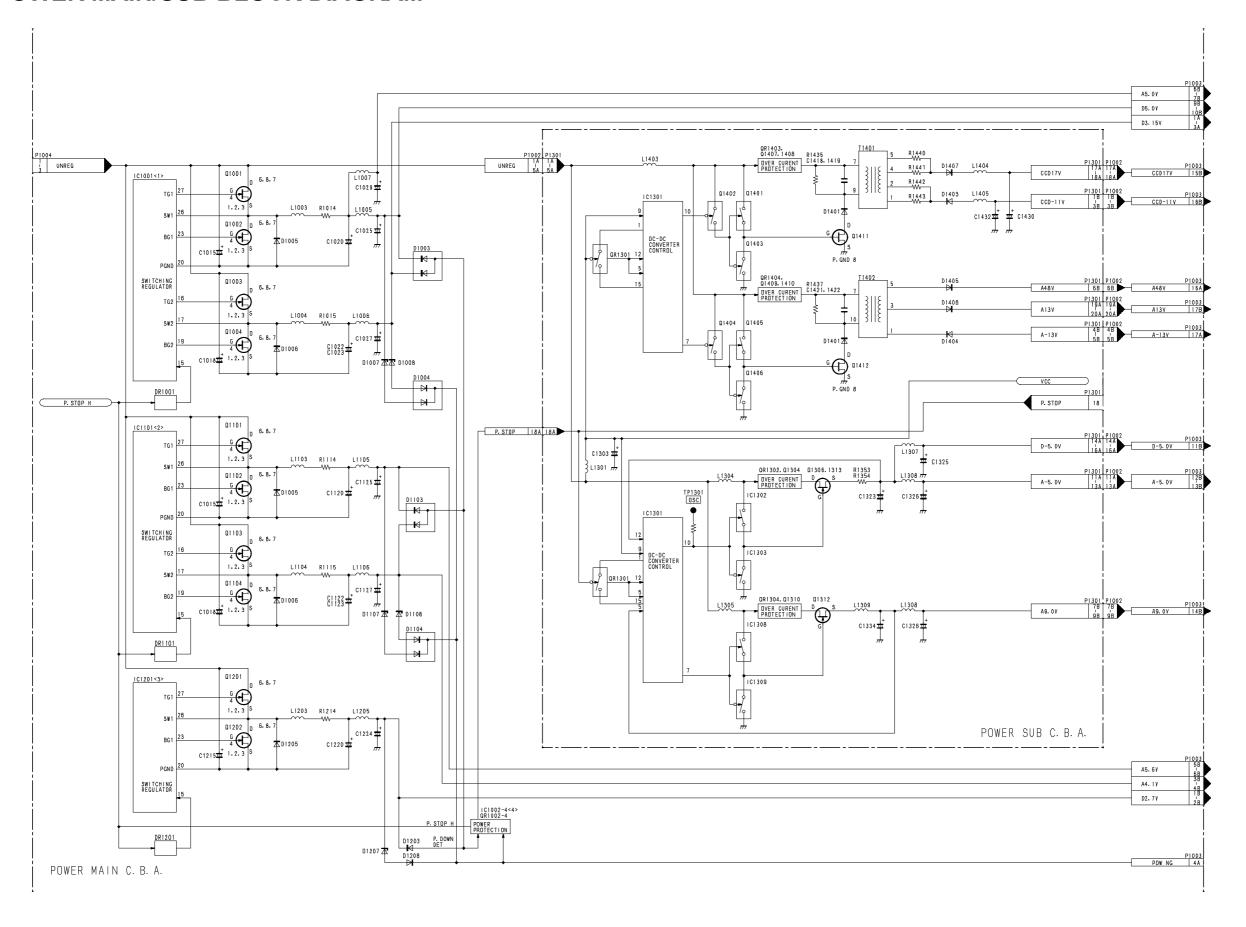
CAMERA SYSCON BLOCK DIAGRAM



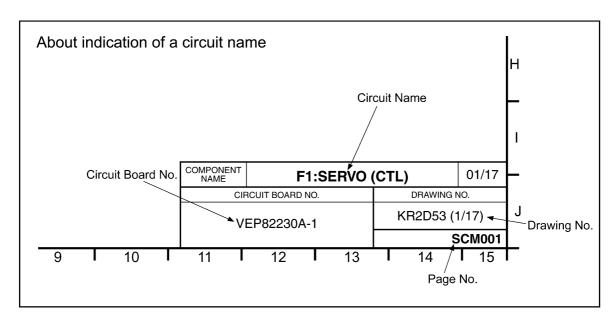
VTR SYSCON / MMC CARD BLOCK DIAGRAM



POWER MAIN/SUB BLOCK DIAGRAM



SCHEMATIC DIAGRAMS



NOTE:

BE SURE TO MAKE YOUR ORDERS OF REPLACEMENT PARTS ACCORDING TO PARTS LIST, SECTION 8

CAUTION

THE MARK INDICATES THE PRIMARY CIRCUIT TO DISTINGUISH THE PRIMARY FROM THE SECONDARY CIRCUIT.

PAY ATTENTION NOT TO RECEIVE AN ELECTRIC SHOCK DURING REPAIR AND SERVICE OF THE PRODUCTS.

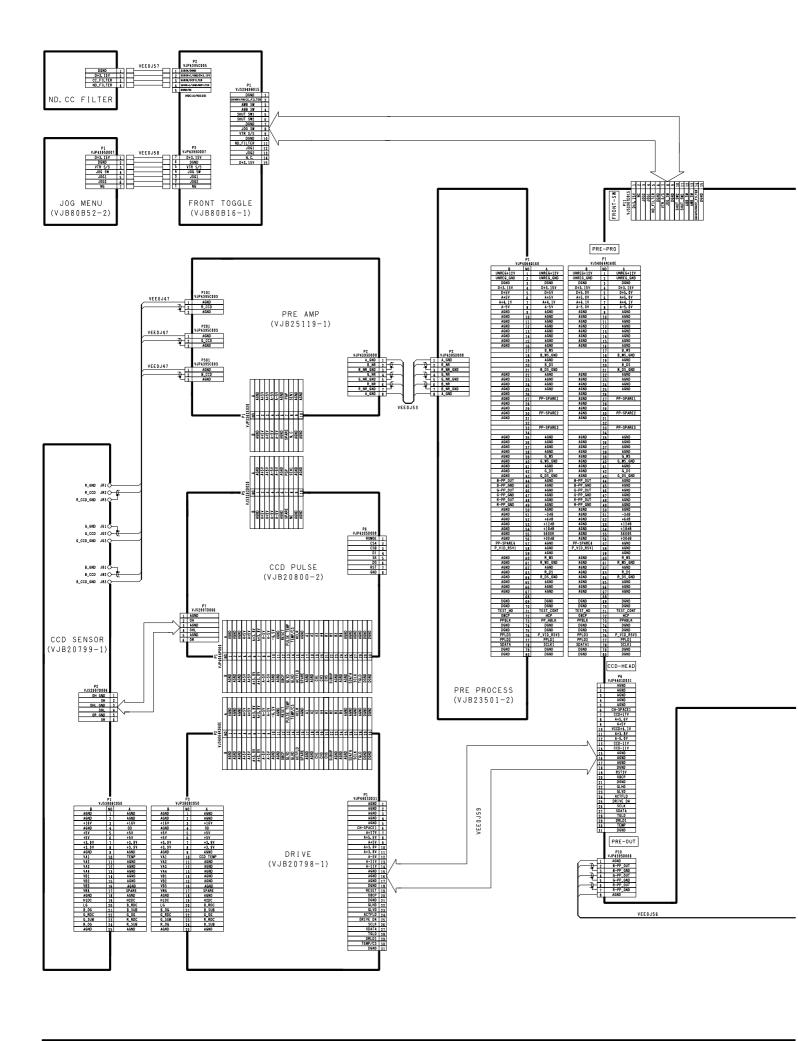
IMPORTANT SAFETY NOTICE:

COMPONENTS IDENTIFIED WITH THE MARK A HAVE THE SPECIAL CHARACTERISTICS FOR SAFETY. WHEN REPLACING ANY OF THESE COMPONENTS, USE ONLY THE SAME TYPE.

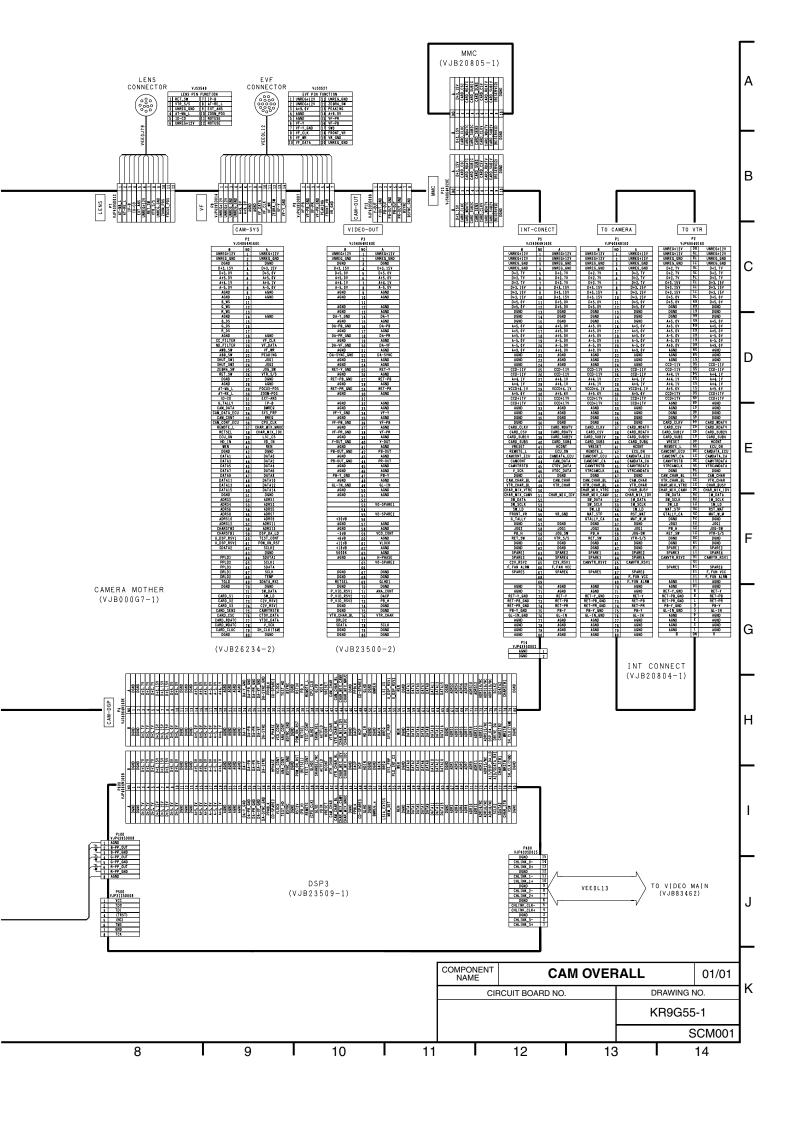
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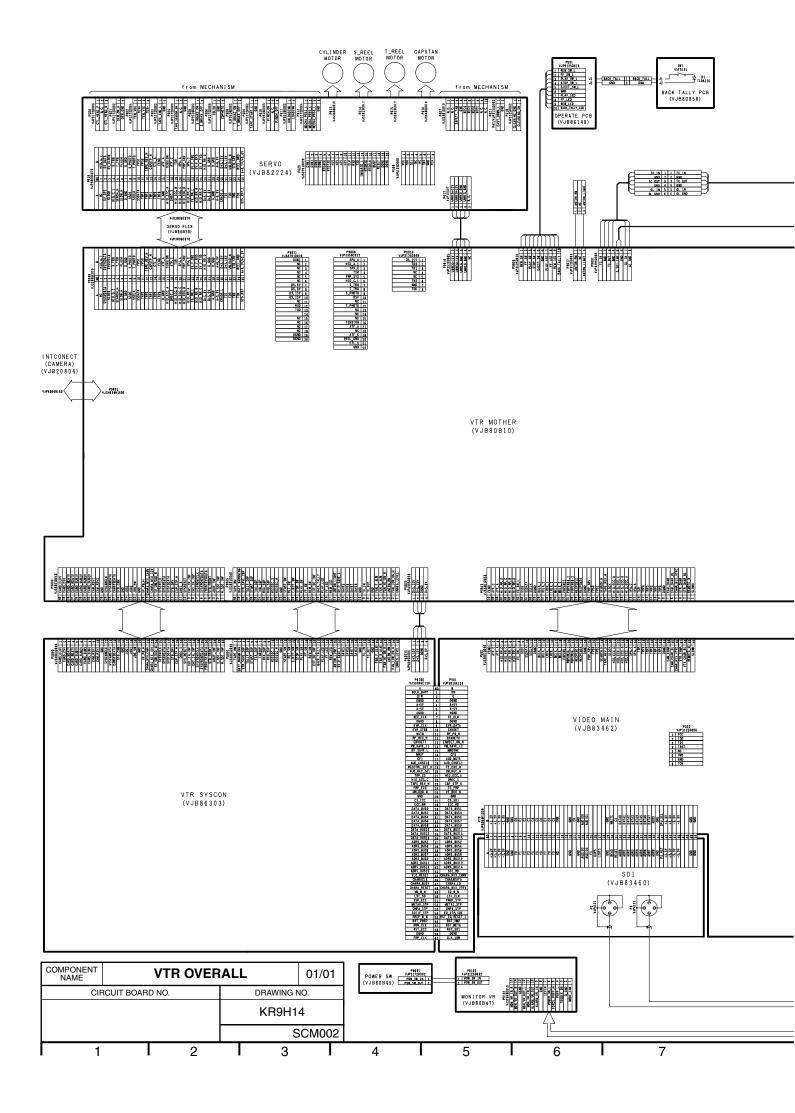
OVERALL		RF EQ (ENVDET)	SCM054
CAM OVERALLSC	M001	RF EQ (POWER 1)	
VTR OVERALLSC		RF EQ (POWER 2)	
		RF EQ (POWER 3)	
CAMERA MOTHER		RF EQ (POWER 4)	
CAMERA MOTHERSC	M003	RF EQ (PLD)	
VTR MOTHER		RF EQ (CONNECTOR)	
	14004	,	
VTR MOTHERSC	M004 S	ERVO	
INT CONNECT		SERVO	SCM061
INT CONNECTSC	M007	SERVO (REEL DRIVE)	SCM063
INT CONNECTSC	IVIOU7	SERVO (REEL FG, TENSION)	
CCD SENSOR		SERVO	SCM065
CCD SENSORSC	MOOS		
OOD OLNOOKOO		IDEO MAIN	
CCD PULSE	-	VIDEO MAIN (LVDS, HD SDI IF)	SCM071
CCD PULSESC	M012	VIDEO MAIN (CHARA, HD SDI TX, DAC)	
005 1 0202		VIDEO MAIN (PREP)	
DRIVE		VIDEO MAIN (COMP A)	
DRIVESC	M013	VIDEO MAIN (COMP B)	
		VIDEO MAIN (PLD)	
PRE AMP		VIDEO MAIN (ECC)	
PRE AMPSC	M014	VIDEO MAIN (SYNC CLOCK)	
		VIDEO MAIN (CLOCK DIST)	SCM079
PRE PROCESS		VIDEO MAIN (CONNECTOR)	SCM080
PRE PROCESSSC	M018	VIDEO MAIN (POWER)	SCM081
DSP 3	V	TD EVECON	
DSP 3SC		TR SYSCON VTR SYSCON	COMOOO
DSP 350	101023	VTR 515CON	50101062
CAMERA SYSCON	Α	UDIO LCD	
CAMERA SYSCONSC		AUDIO LCD (CH1 INPUT)	SCM090
		AUDIO LCD (CH2 INPUT)	
VIDEO OUT		AUDIO LCD (LIM/AGC)	
VIDEO OUTSC	M034	AUDIO LCD (A/D D/A)	
		AUDIO LCD (OUTPUT)	
HEAD BUFF		AUDIO LCD (MONITOR)	SCM095
HEAD BUFF (FE)SC	M037	AUDIO LCD (CUE DELAY)	SCM097
HEAD BUFF (RA)SC	M038	AUDIO LCD (CUE)	SCM094
HEAD BUFF (RP HA)SC	M040	AUDIO LCD (CONNECTOR)	SCM098
HEAD BUFF (LOGIC)SC		AUDIO LCD (uCOM)	
HEAD BUFF (CONNECTOR)SC	M042	AUDIO LCD (LCD DRIVE)	
RF EQ		AUDIO LCD (RTC)	SCM101
RF EQ (EQ Ach)SC	M043 R	EAR JACK	
RF EQ (EQ Bch)SC		REAR JACK	SCM102
RF EQ (EQ Cch)SC		NEAN GAON	00111102
RF EQ (EQ D ch)SC	_	EAR SW	
RF EQ (AMP)SC		REAR SW	SCM102
RF EQ (EVR)SC			
RF EQ (LOGIC 1)SC	_	UE	
RF EQ (LOGIC 2)SC		CUE	SCM103
RF EQ (HSE)SC			
RF EQ (REC DATA SELECT)SC		OWER MAIN	
RF EQ (FE1)SC		POWER MAIN	SCM104

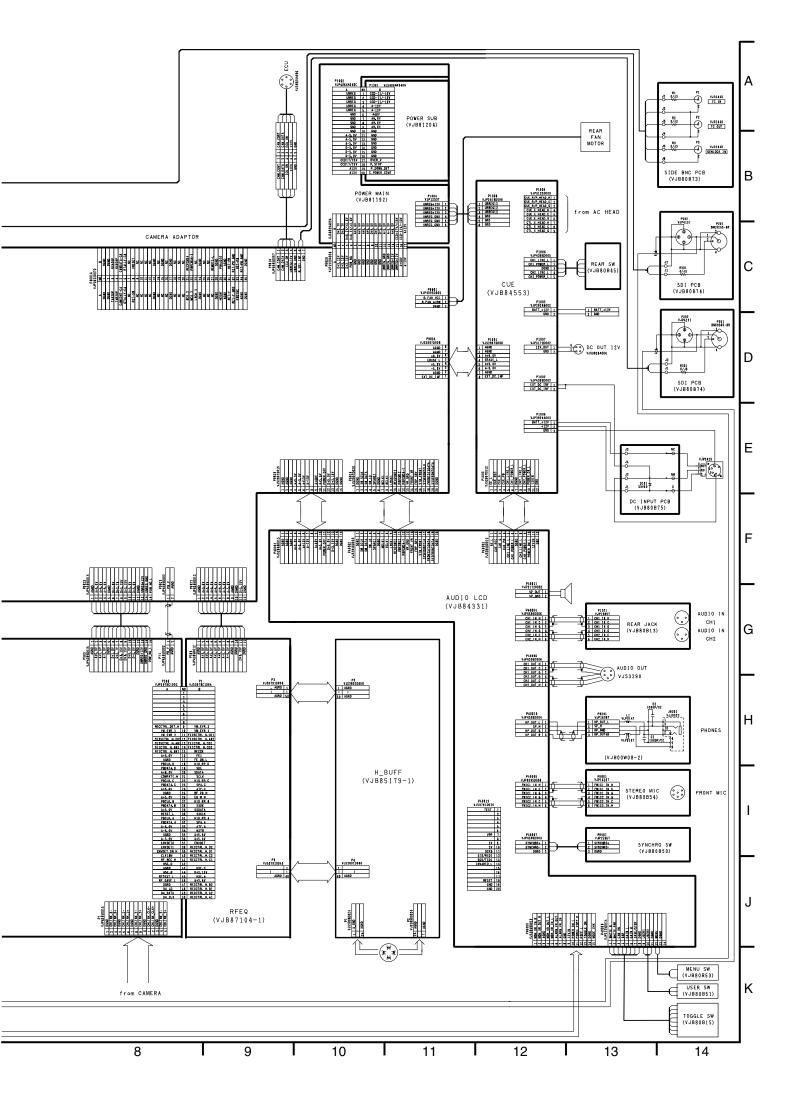
POWER SUBSCM108
FRONT TOGGLESCM111
JOG MENUSCM112
MONITOR VR MONITOR SW (MONITOR VR)SCM113
SERVO FLEX SCM114
SDI HD SDI TX (ENC) SCM115 HD SDI TX (P/S, DRV) SCM116
MMC CARD SCM117
TOGGLE SWSCM118
SYNCHRO SWSCM118
USER SWSCM119
MENU SWSCM119
FRONT MIC SCM120
DC IN DC INPUTSCM120
BATTERY FILTER BATTERY FILTERSCM121

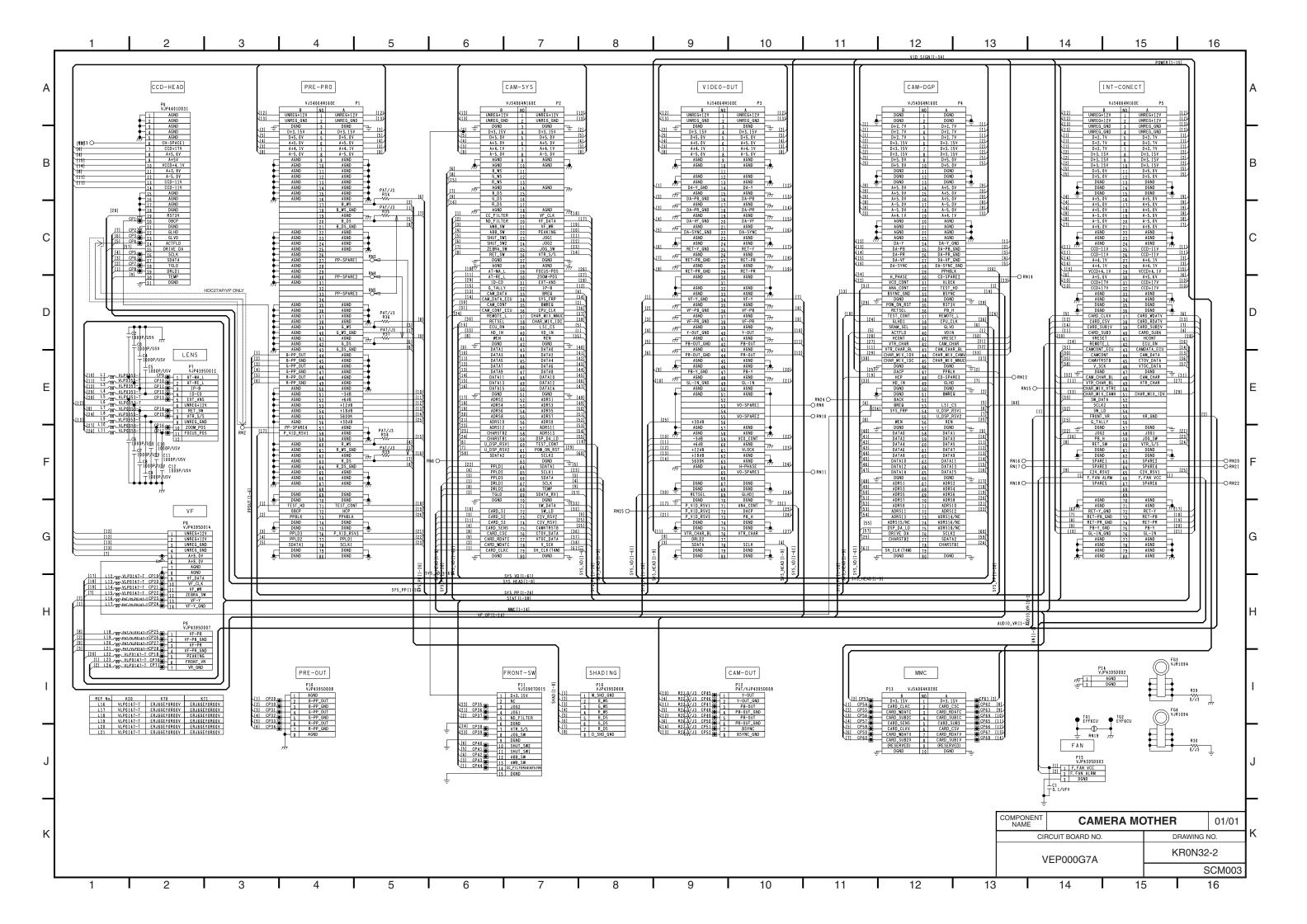


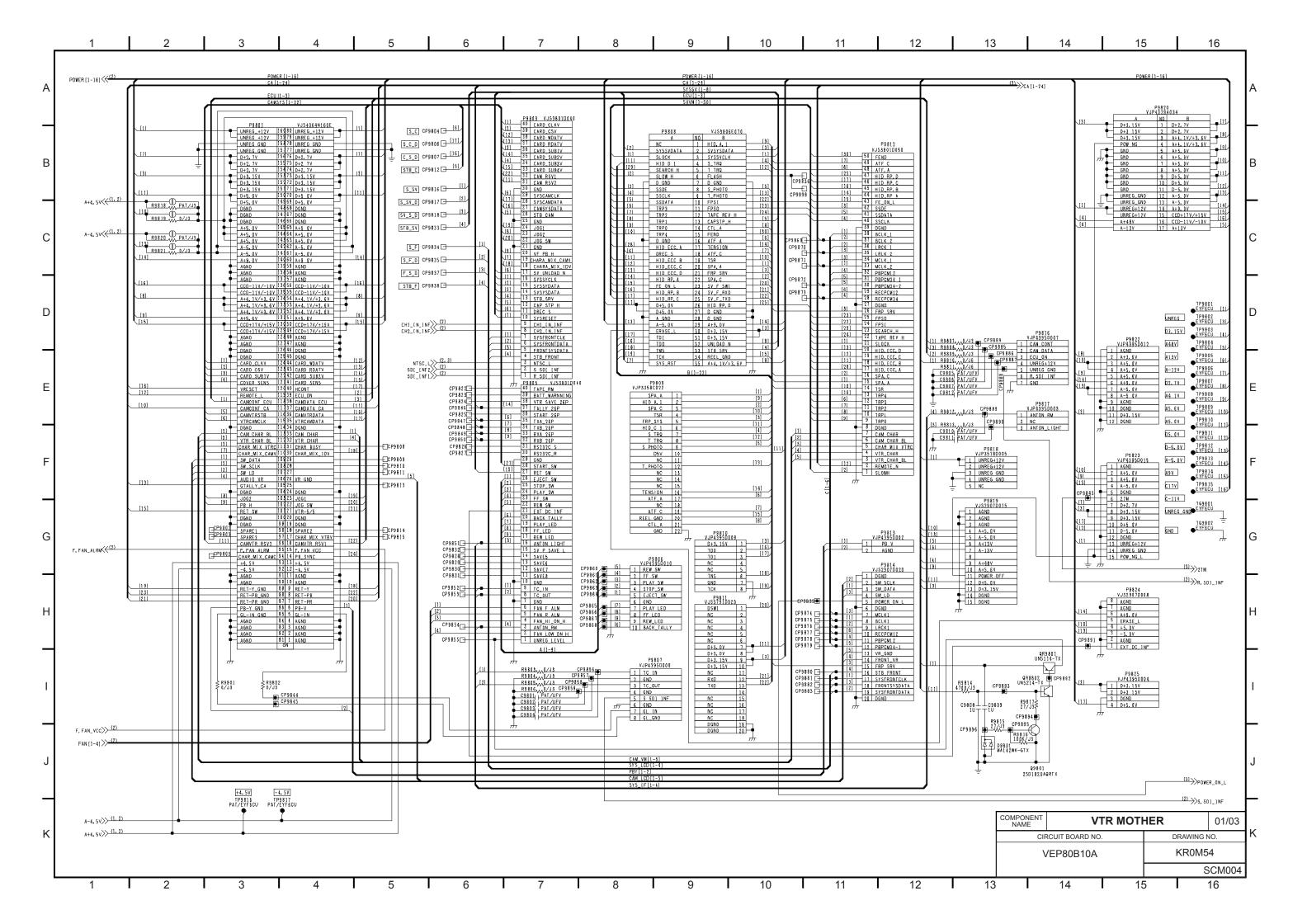
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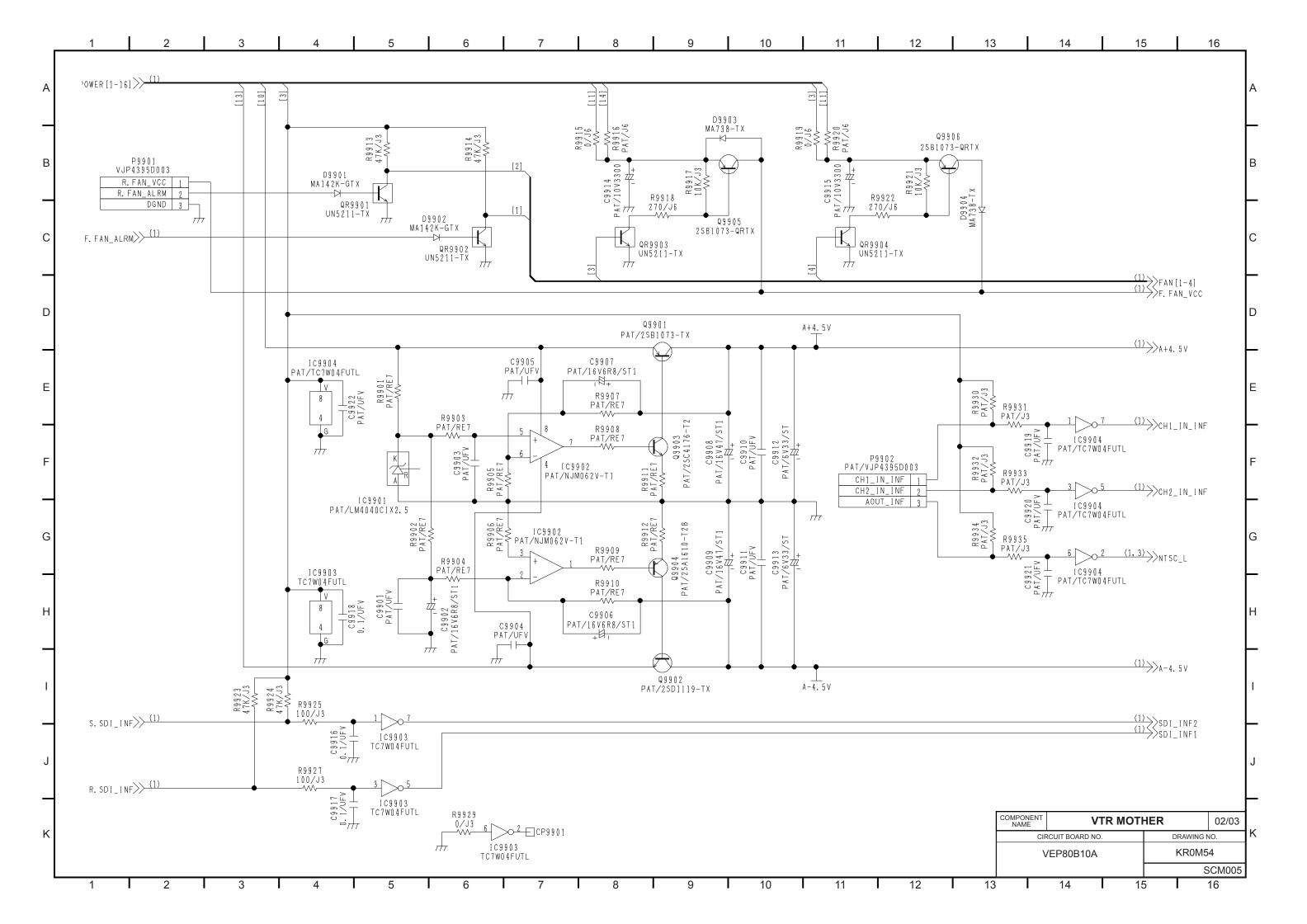


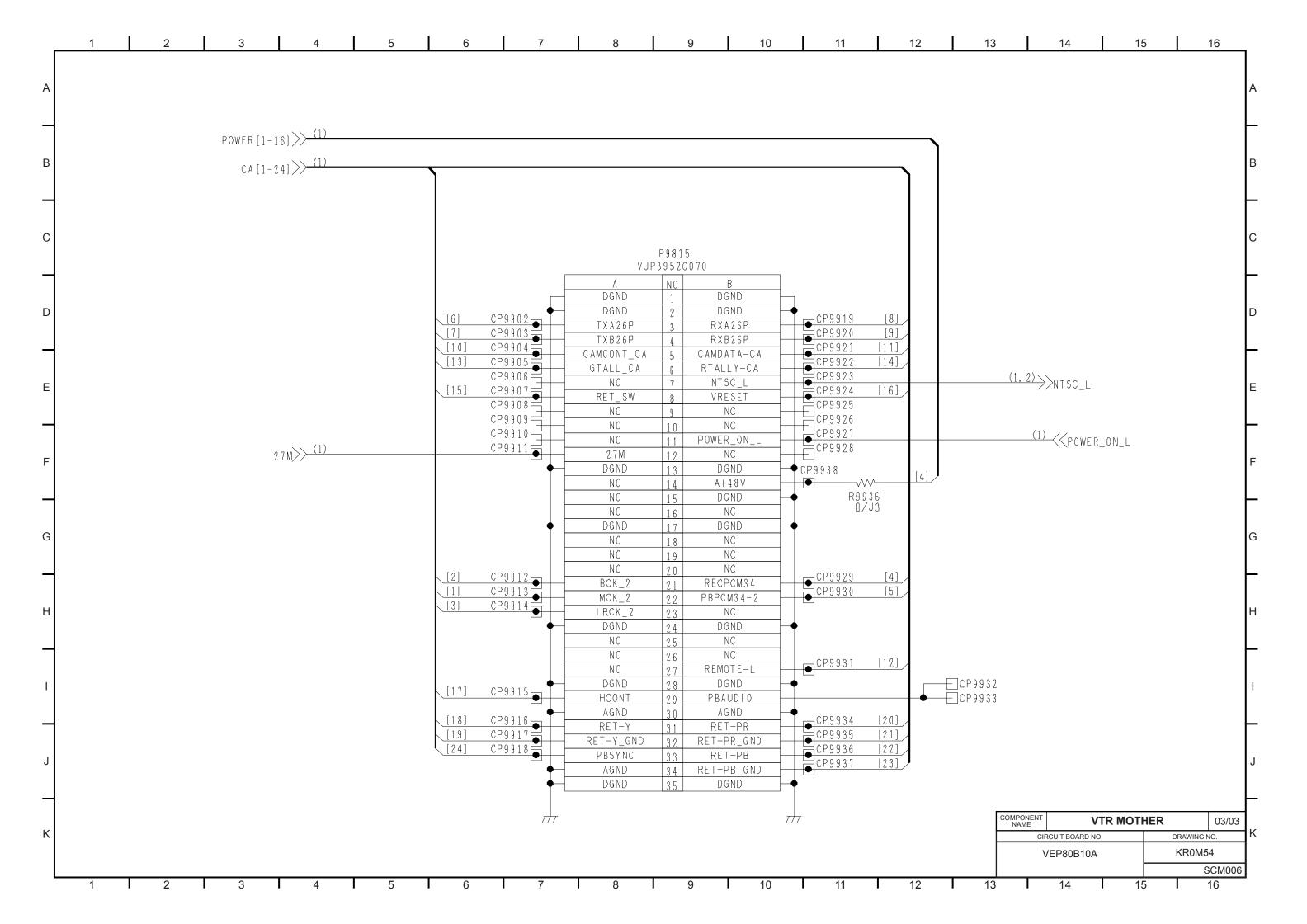


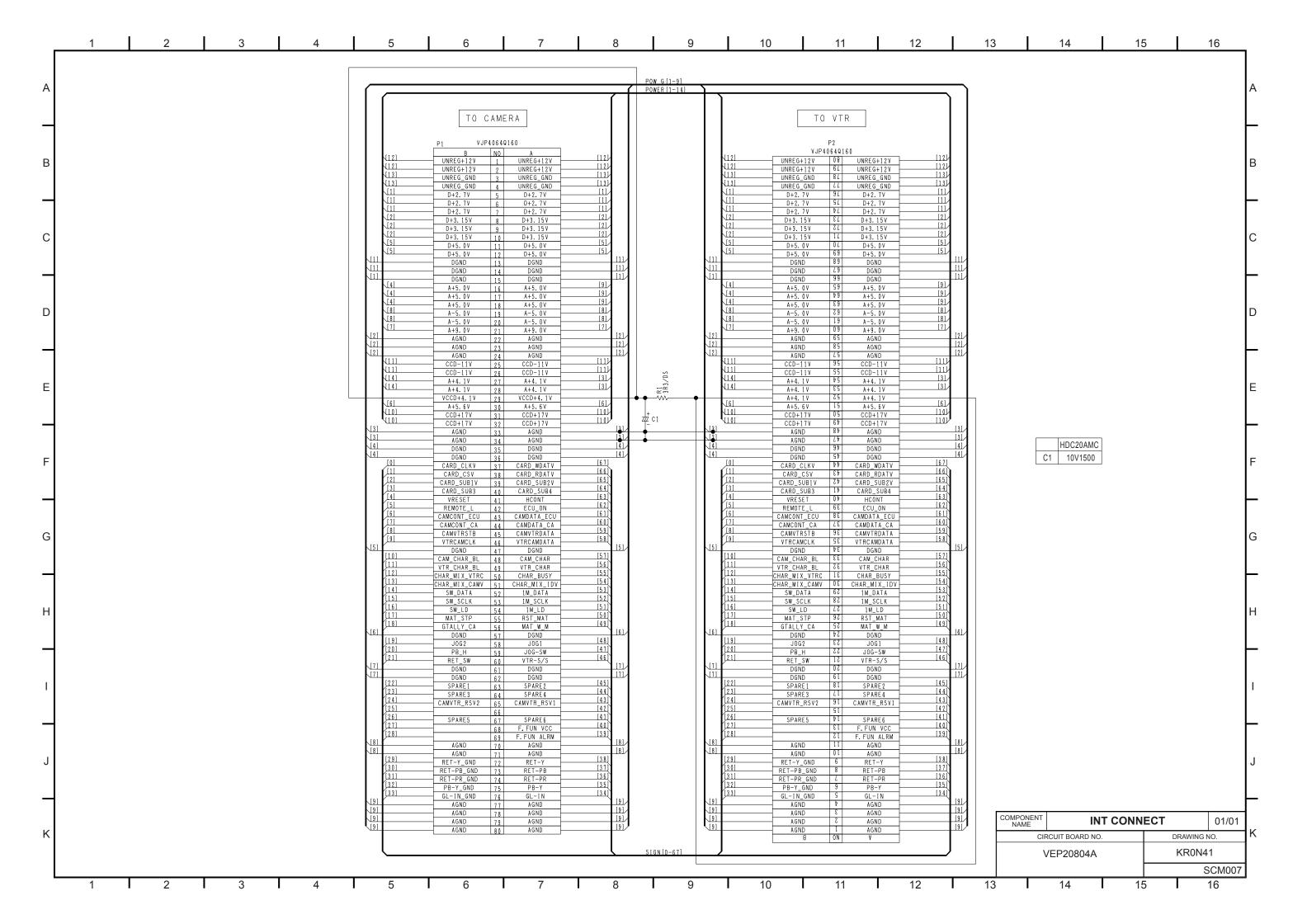


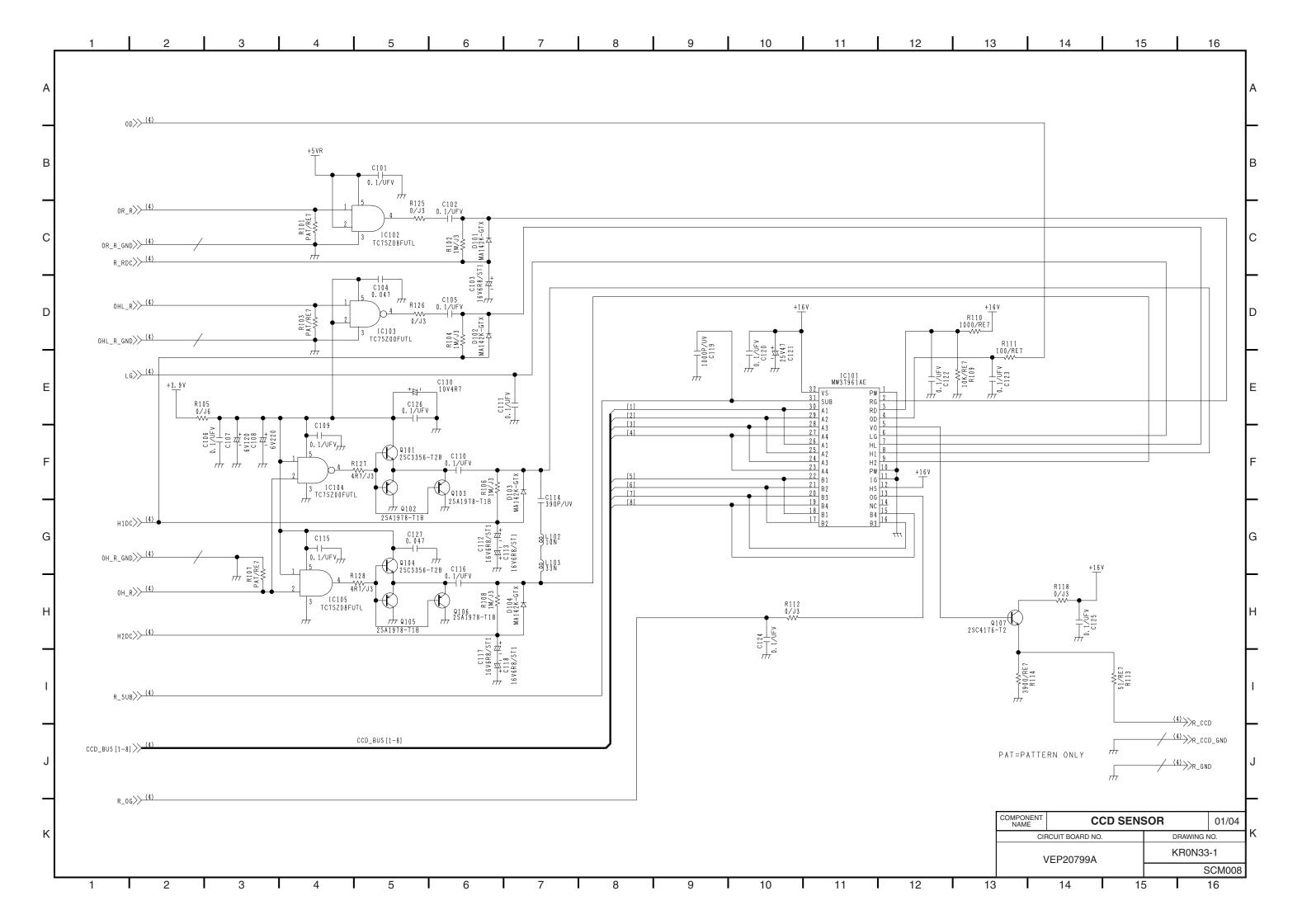


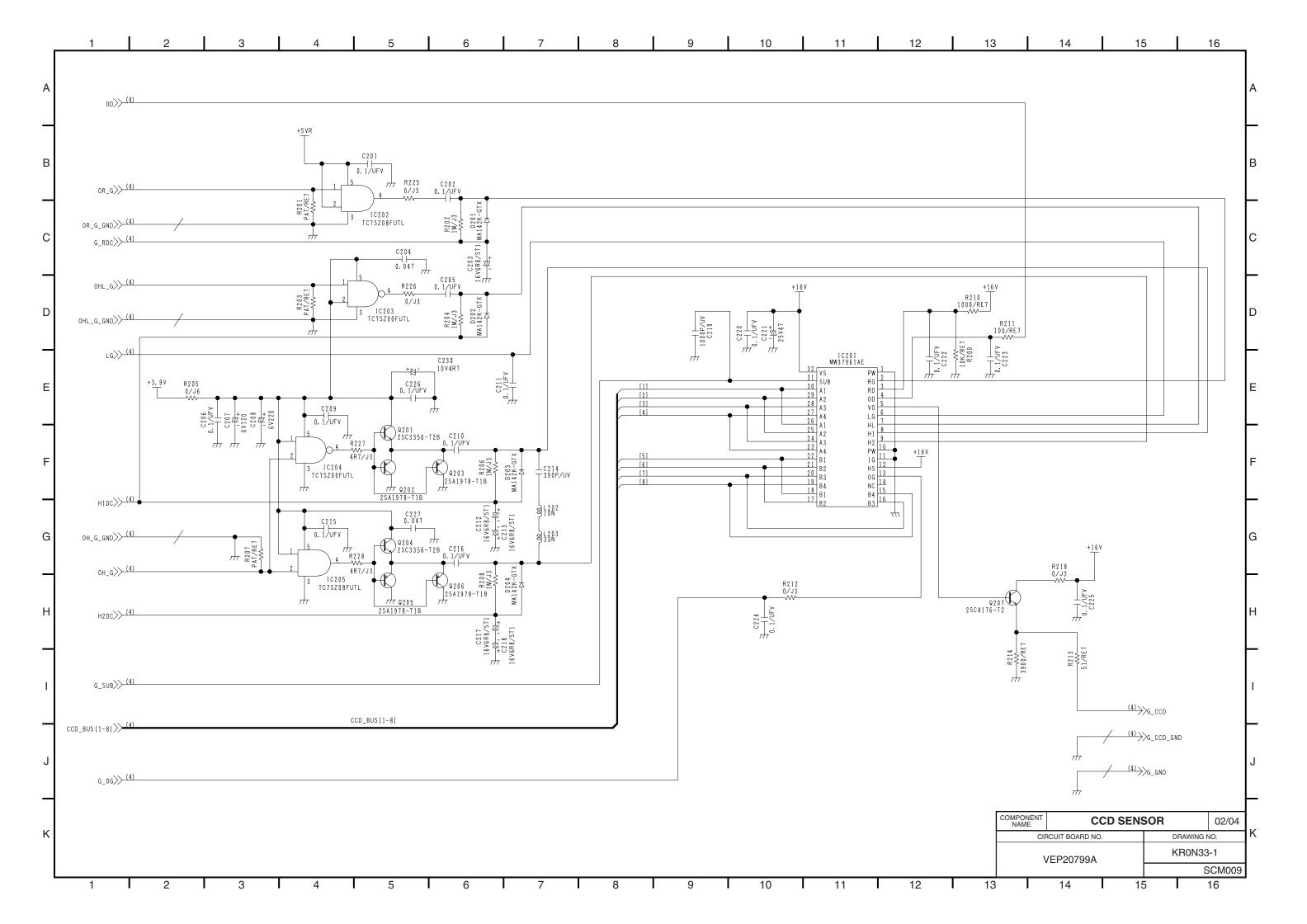


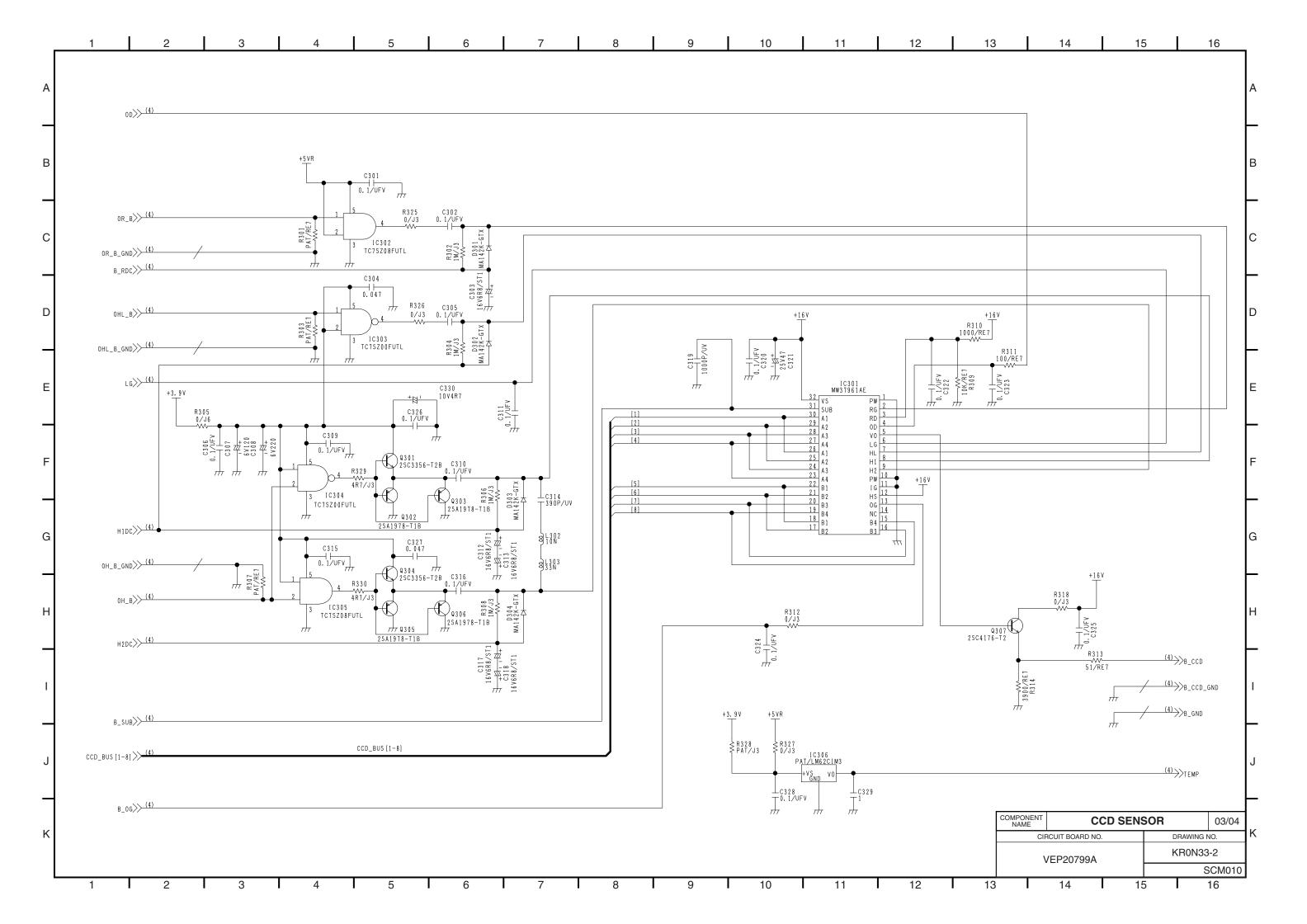


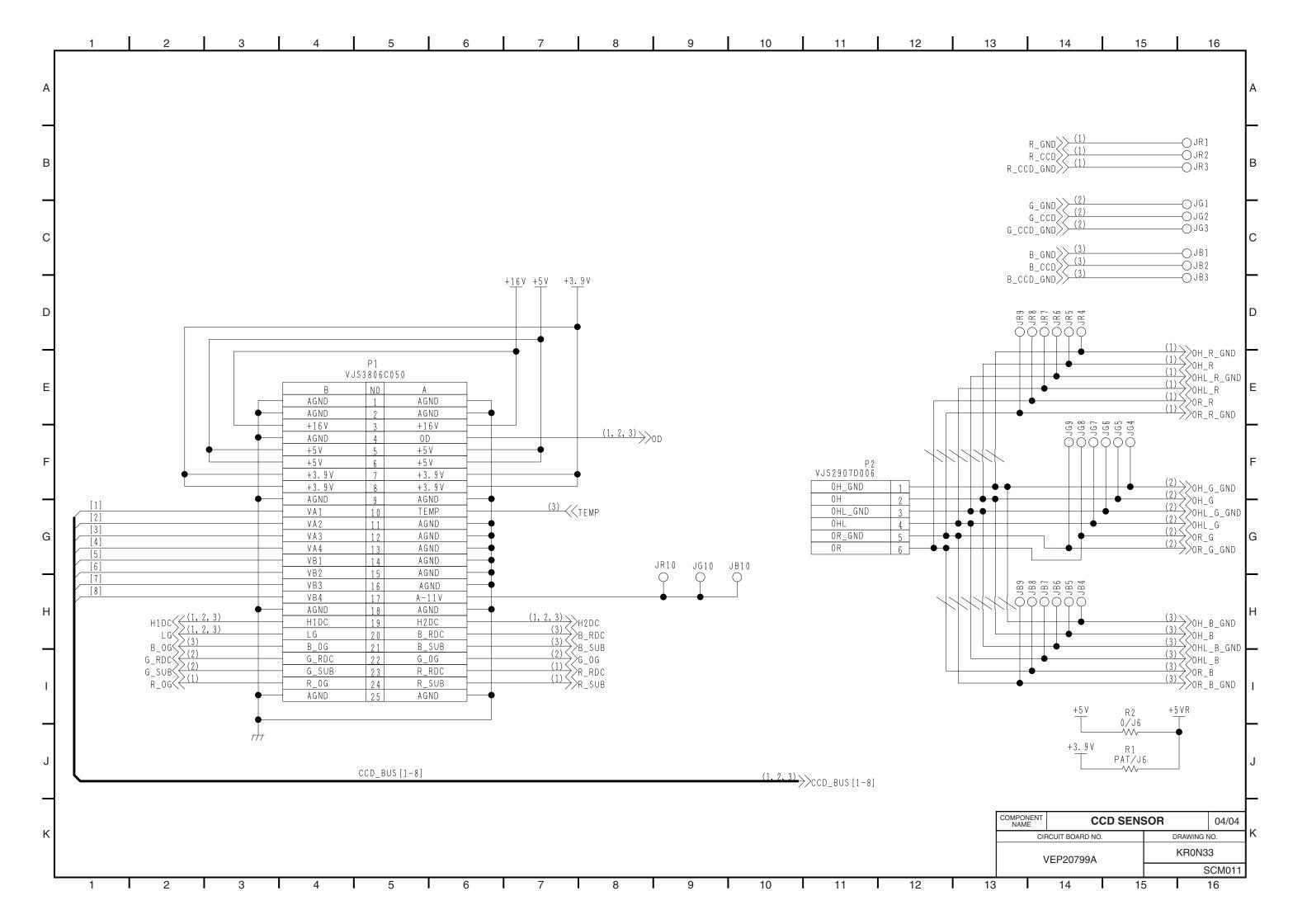


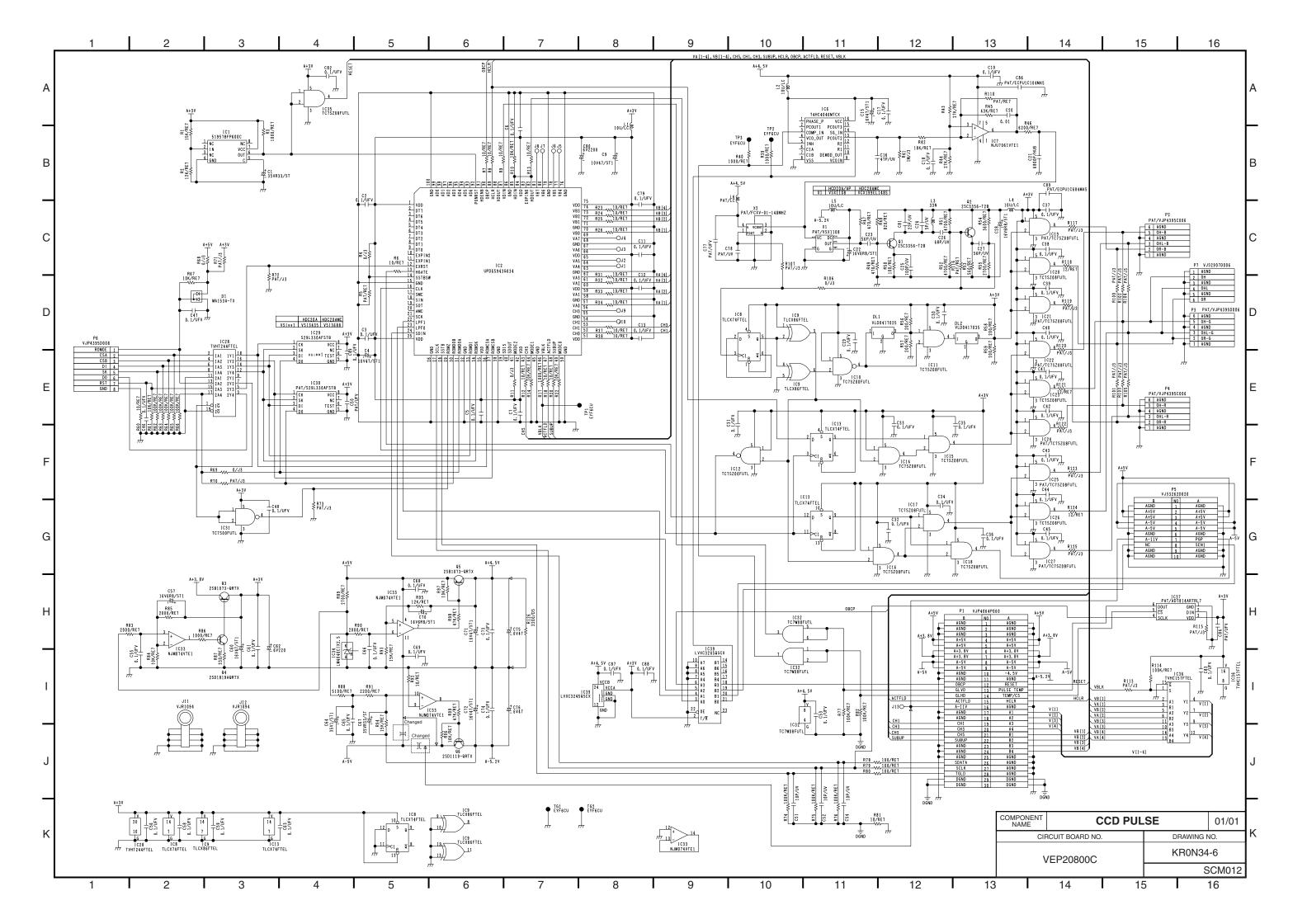


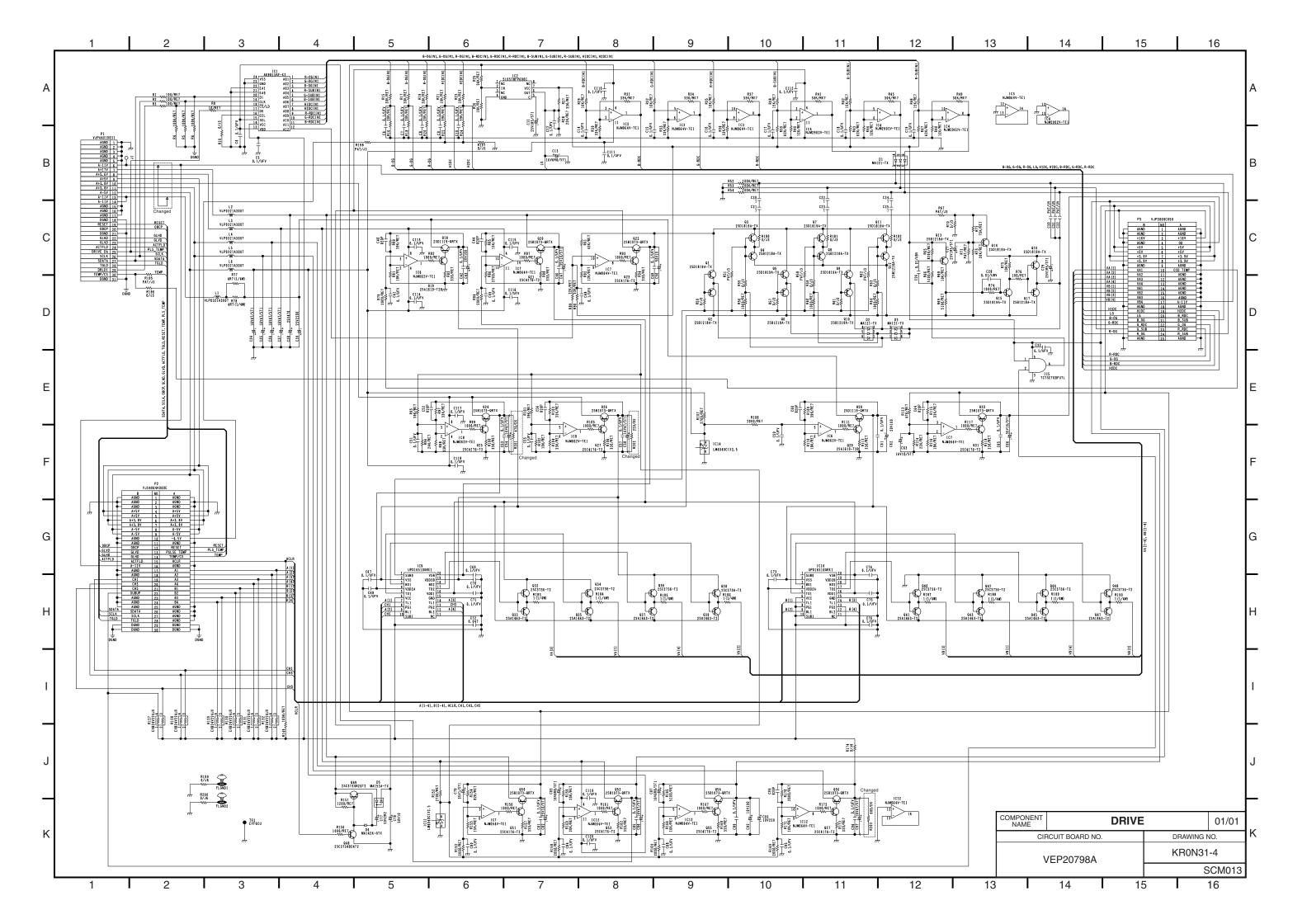


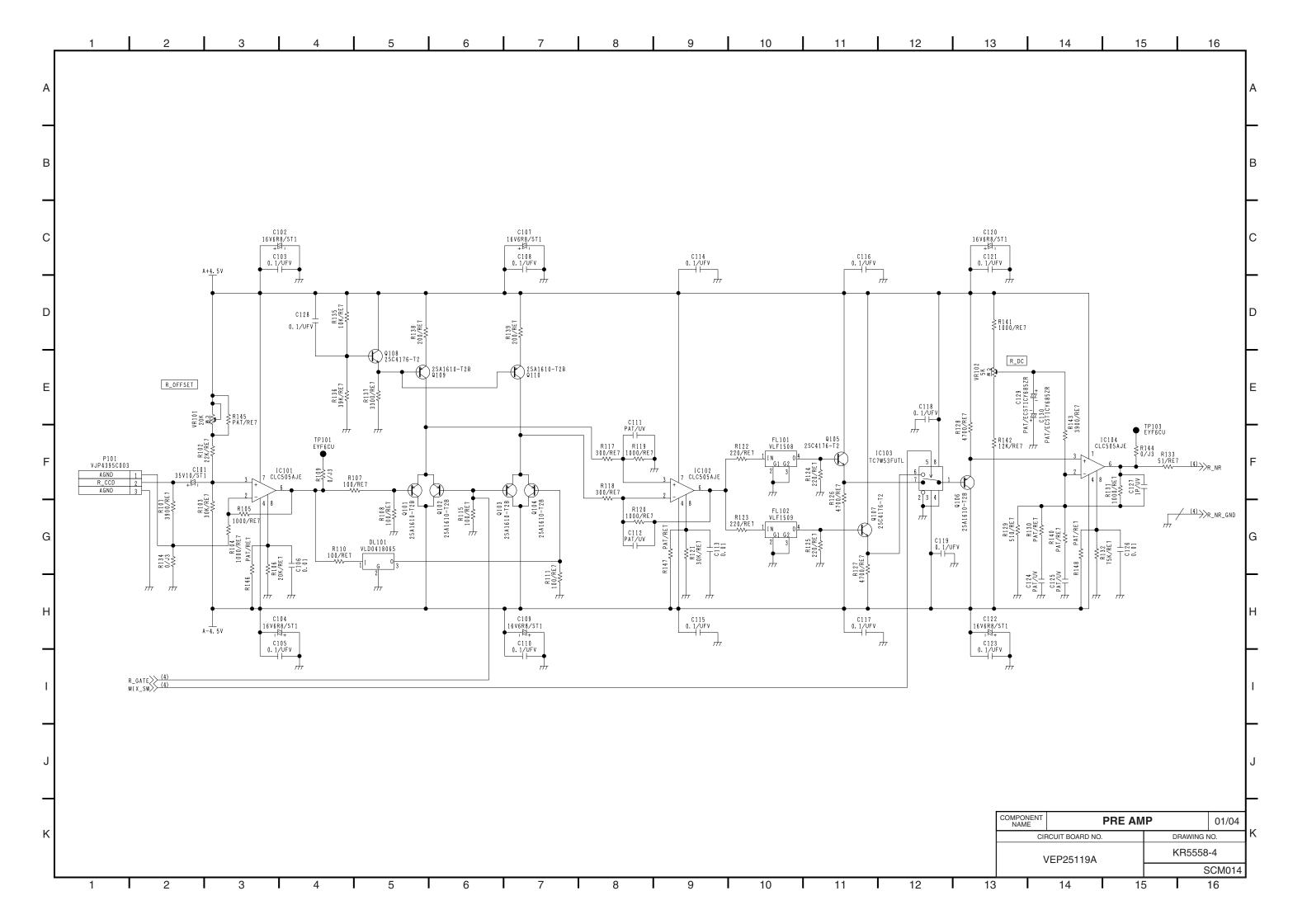


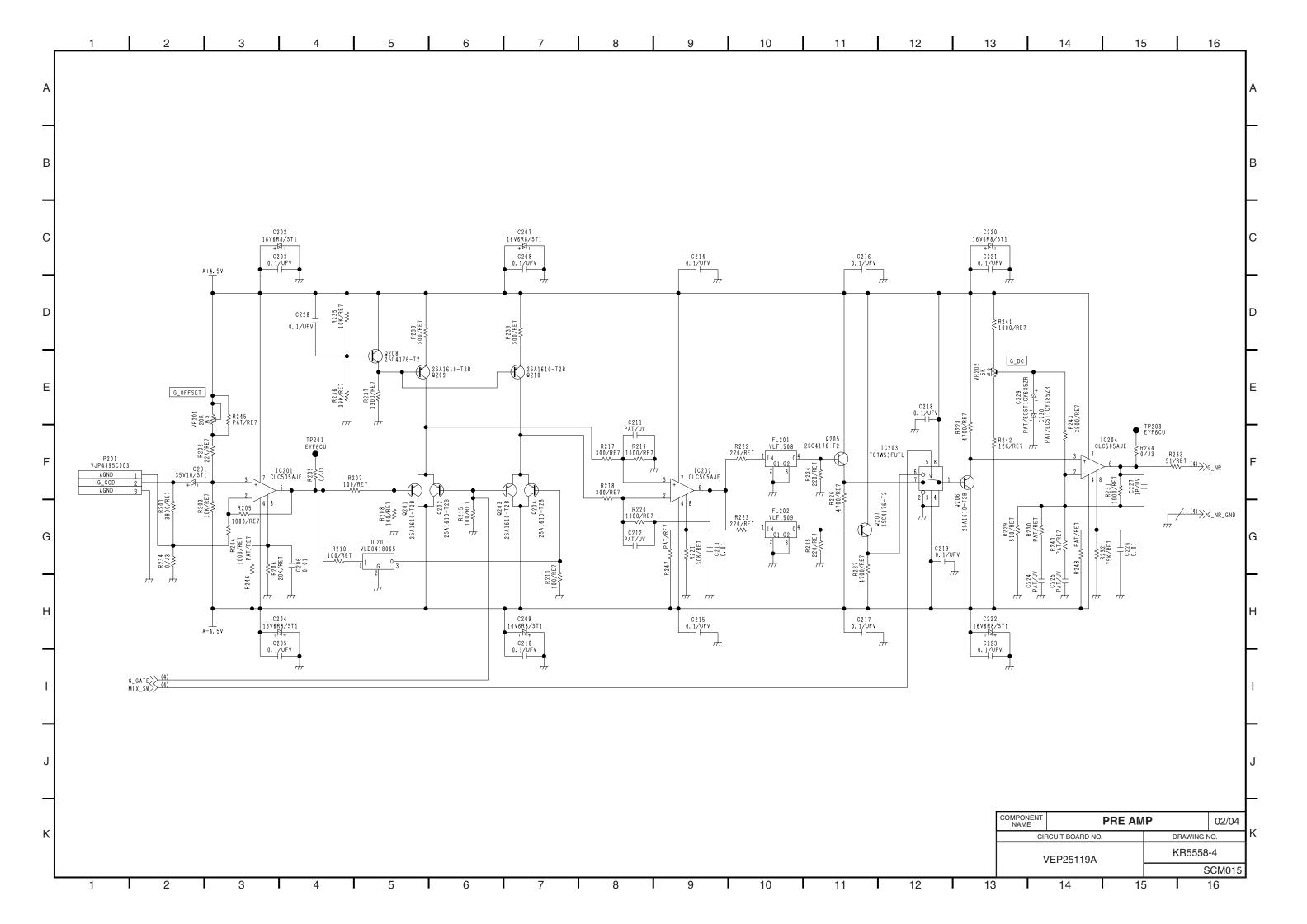


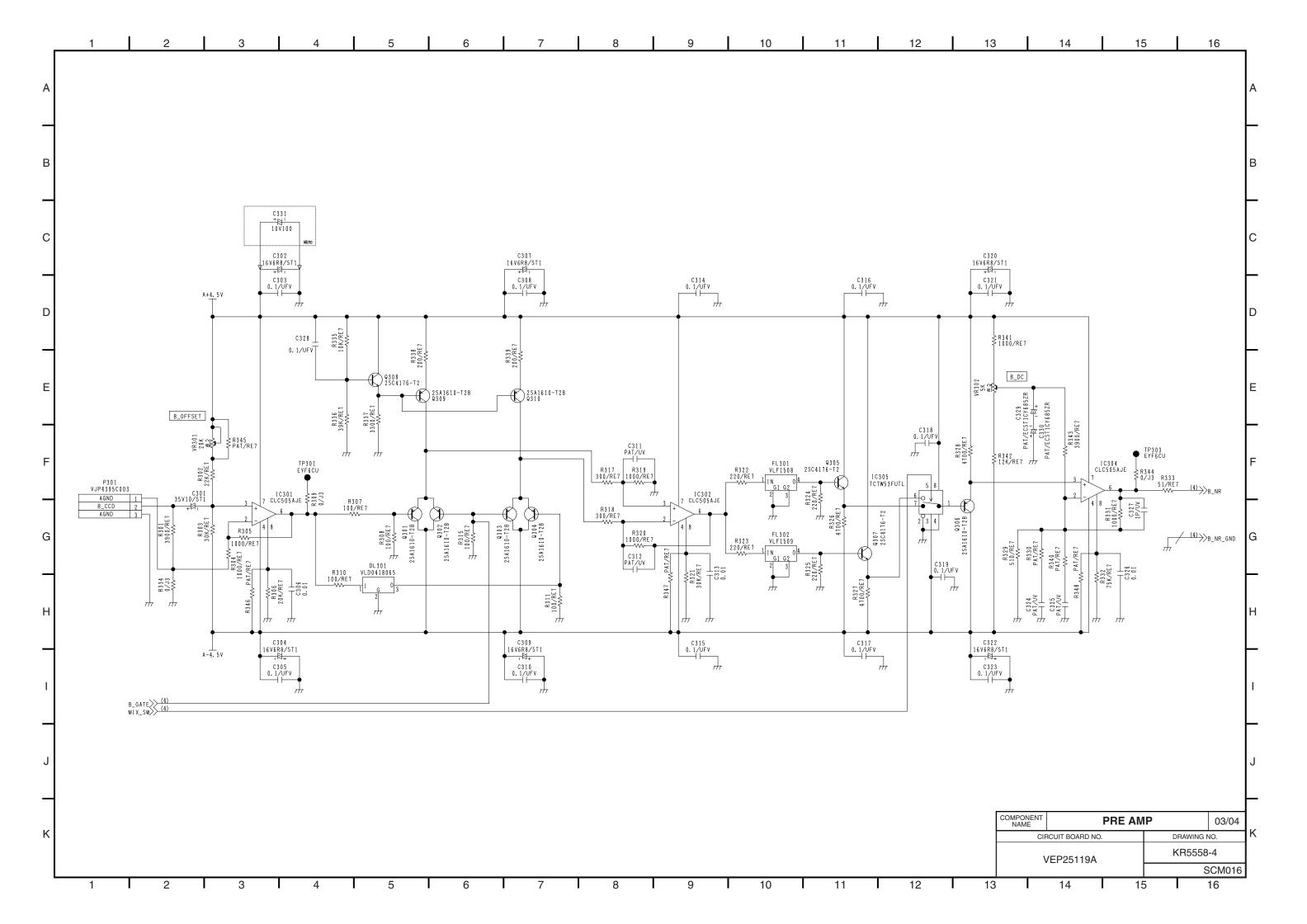


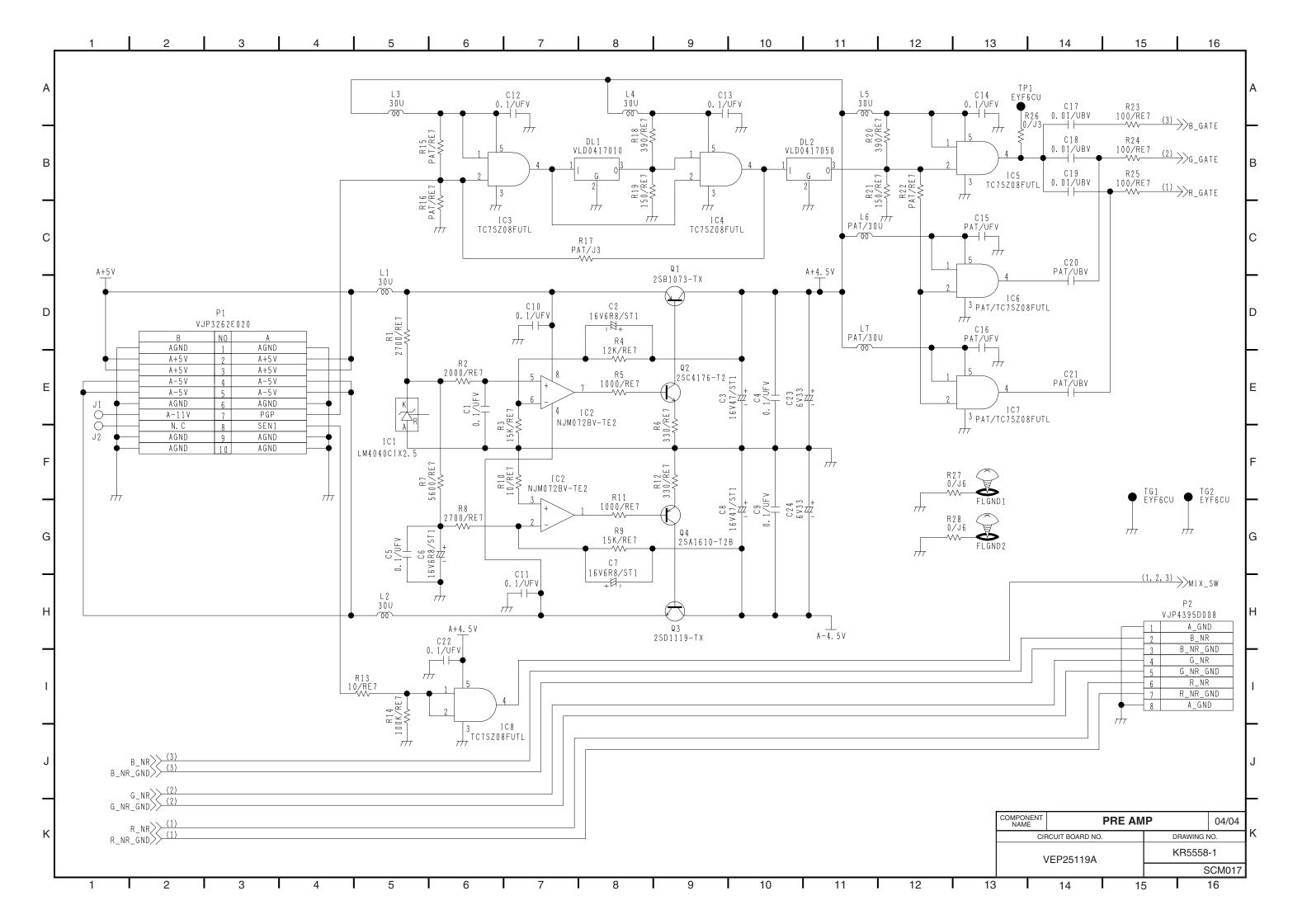


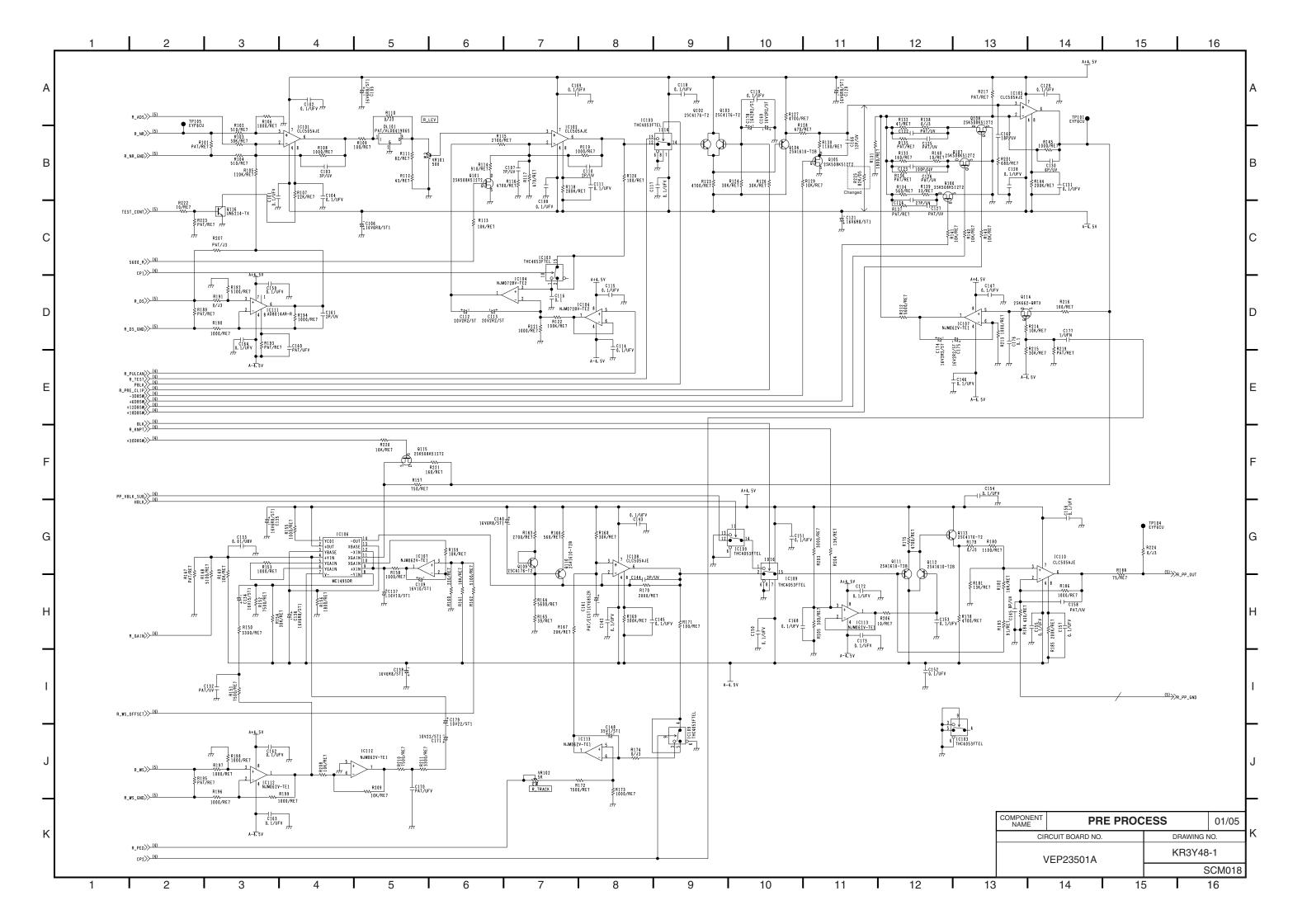


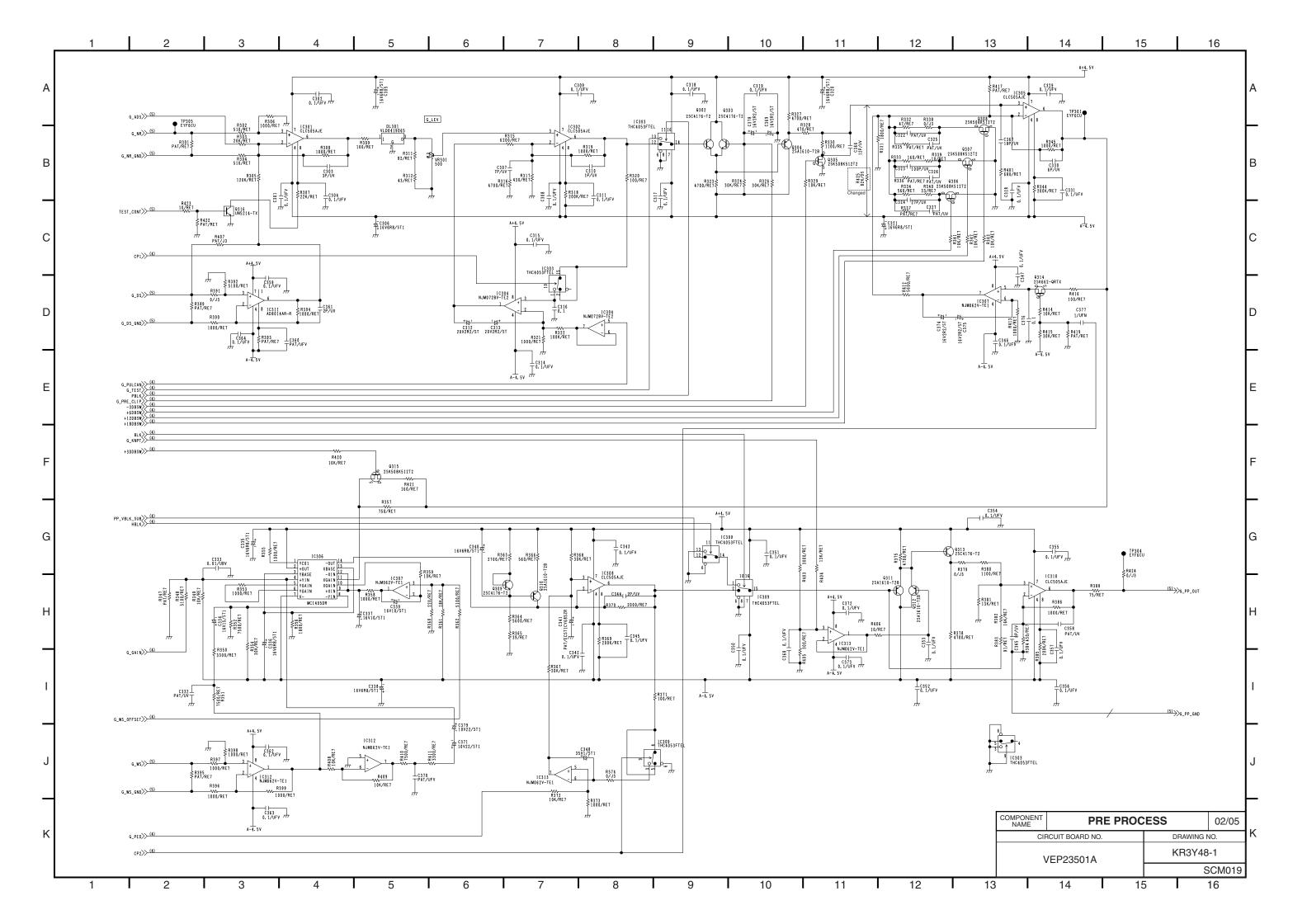


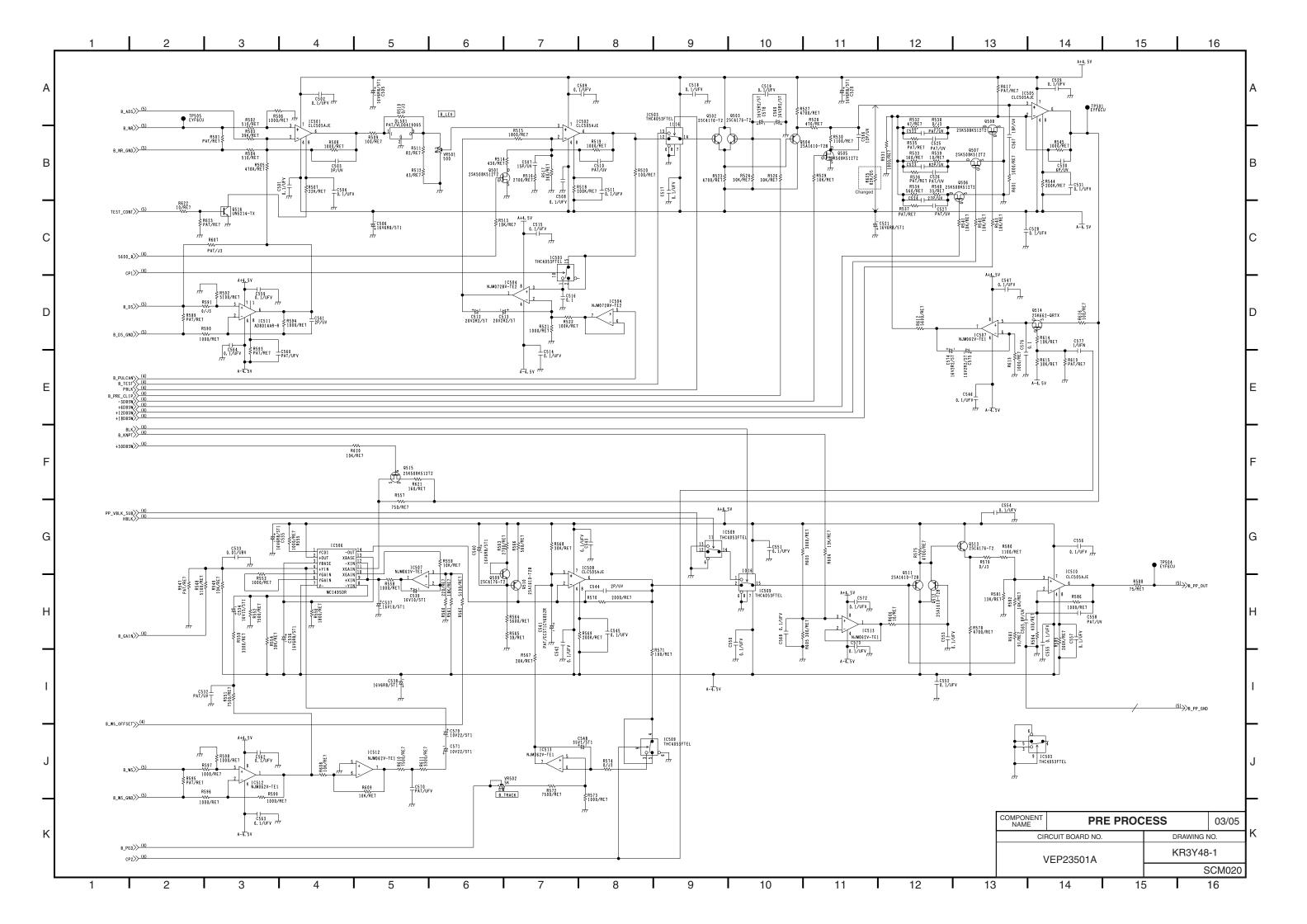


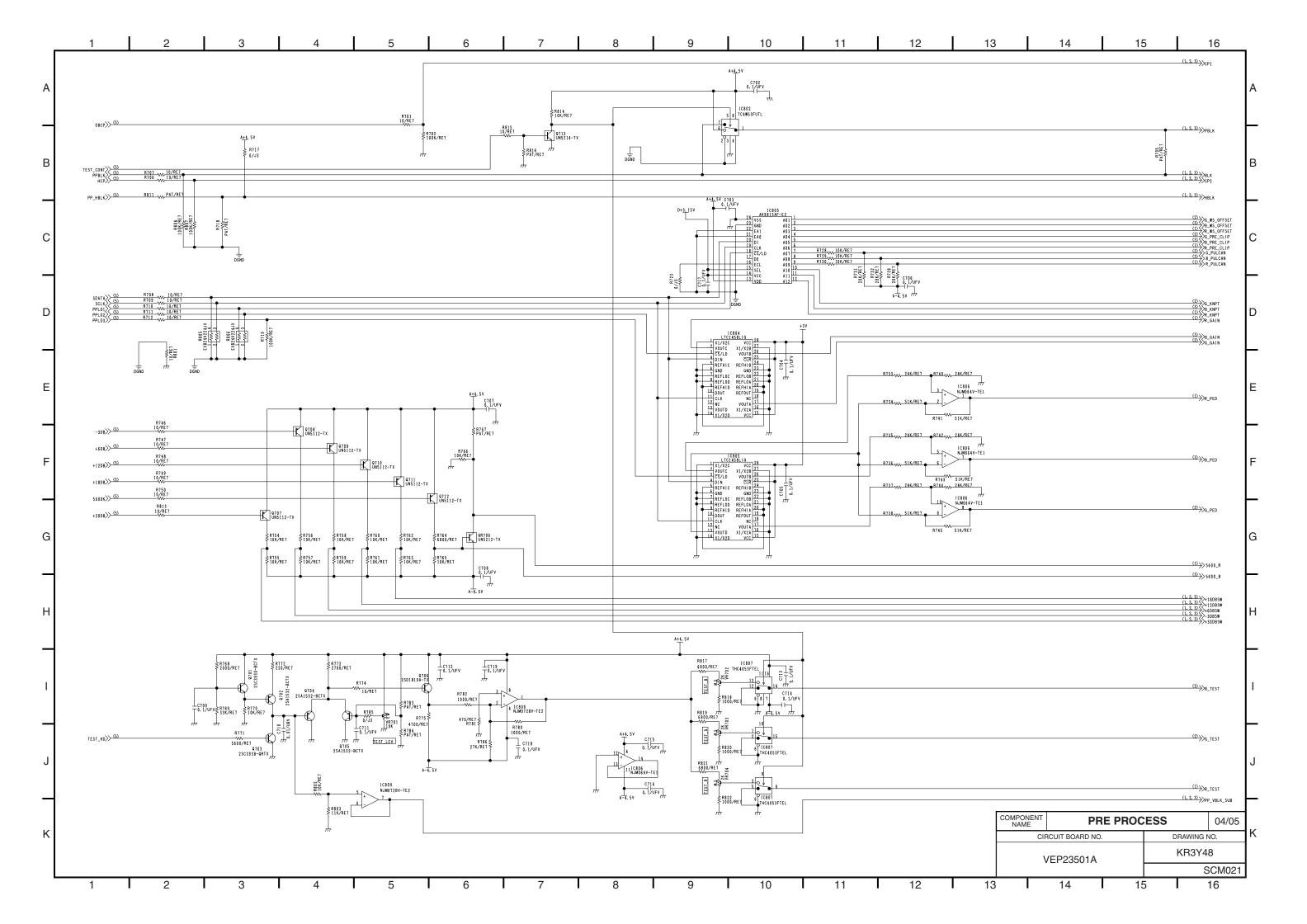


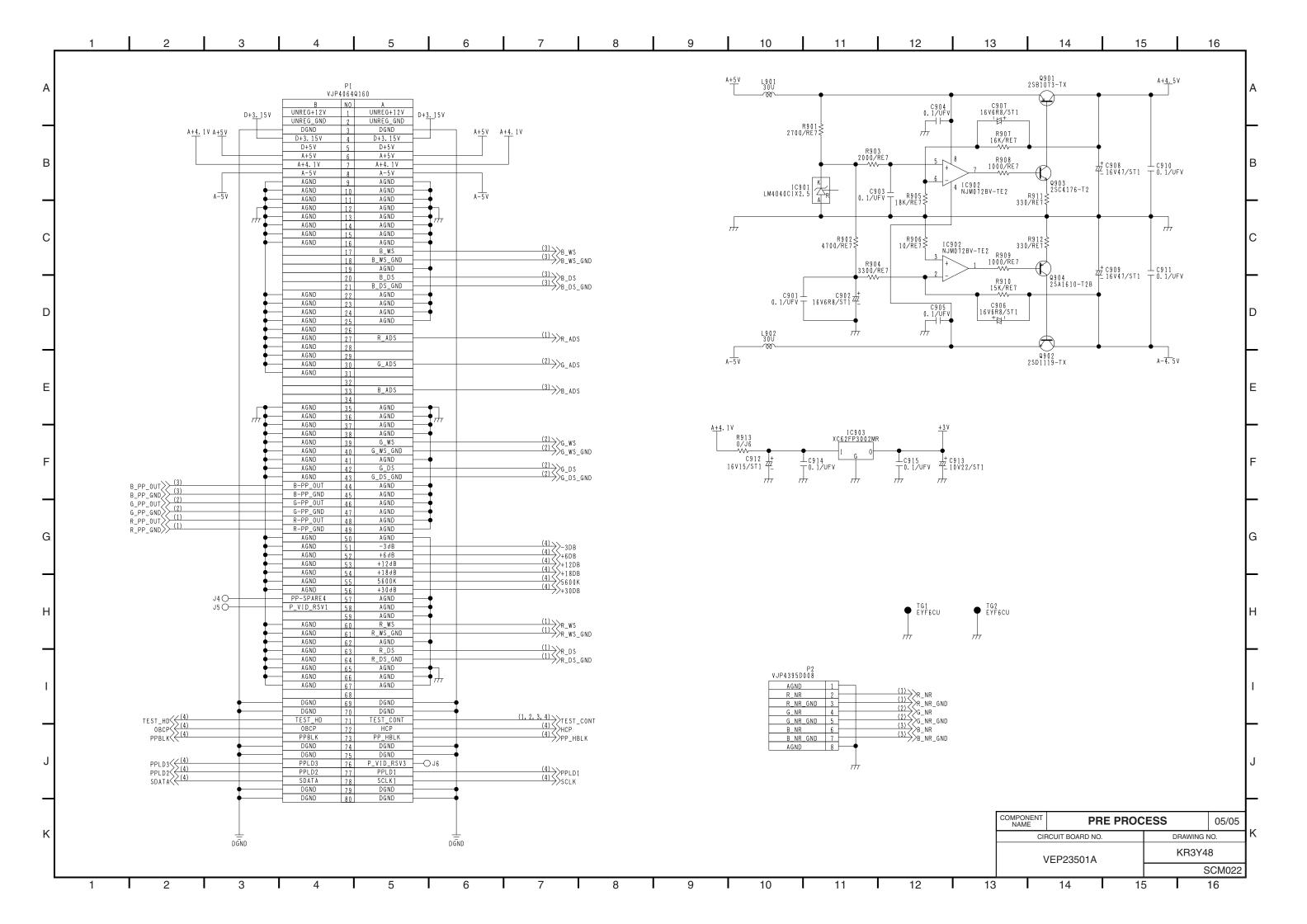


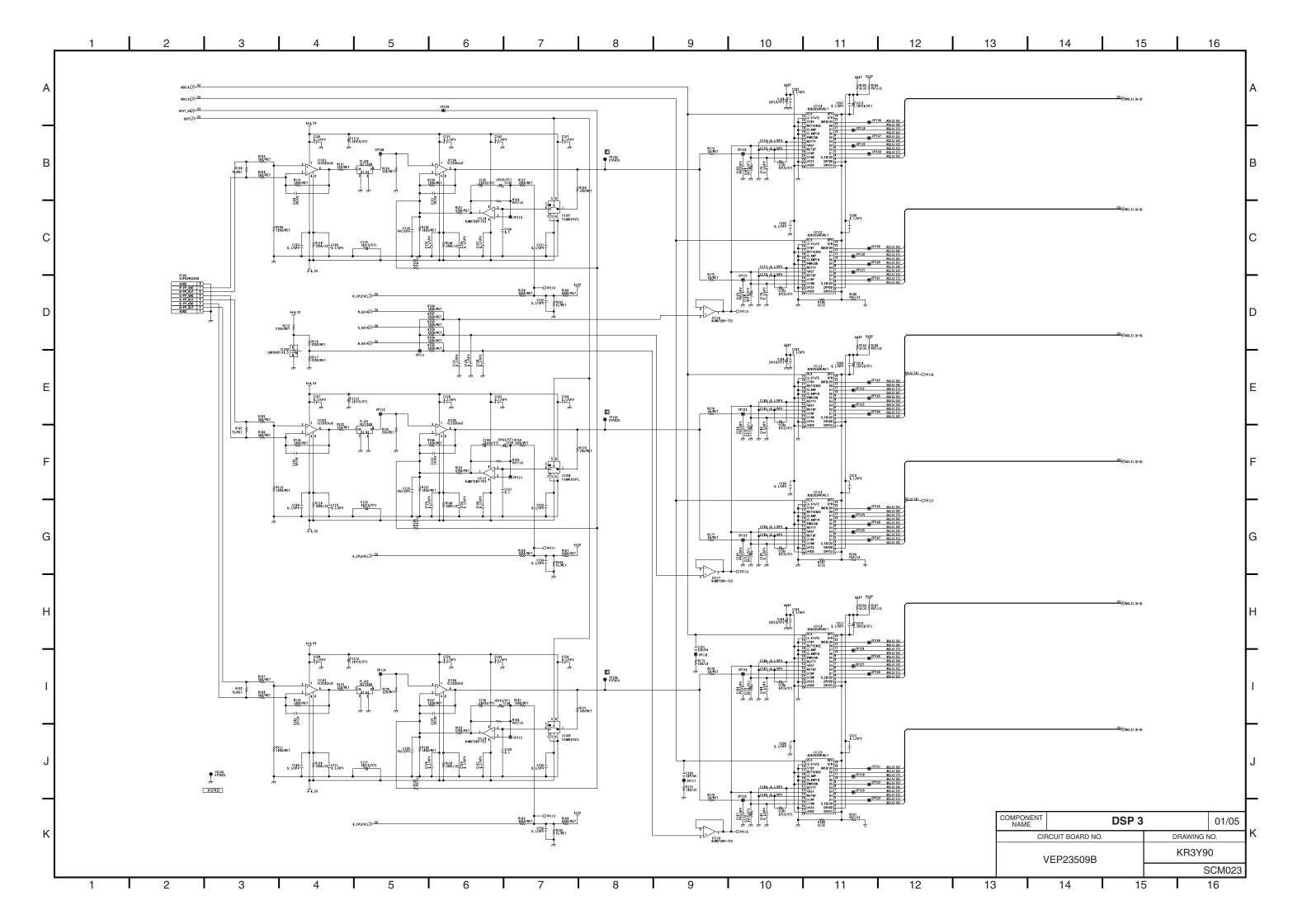


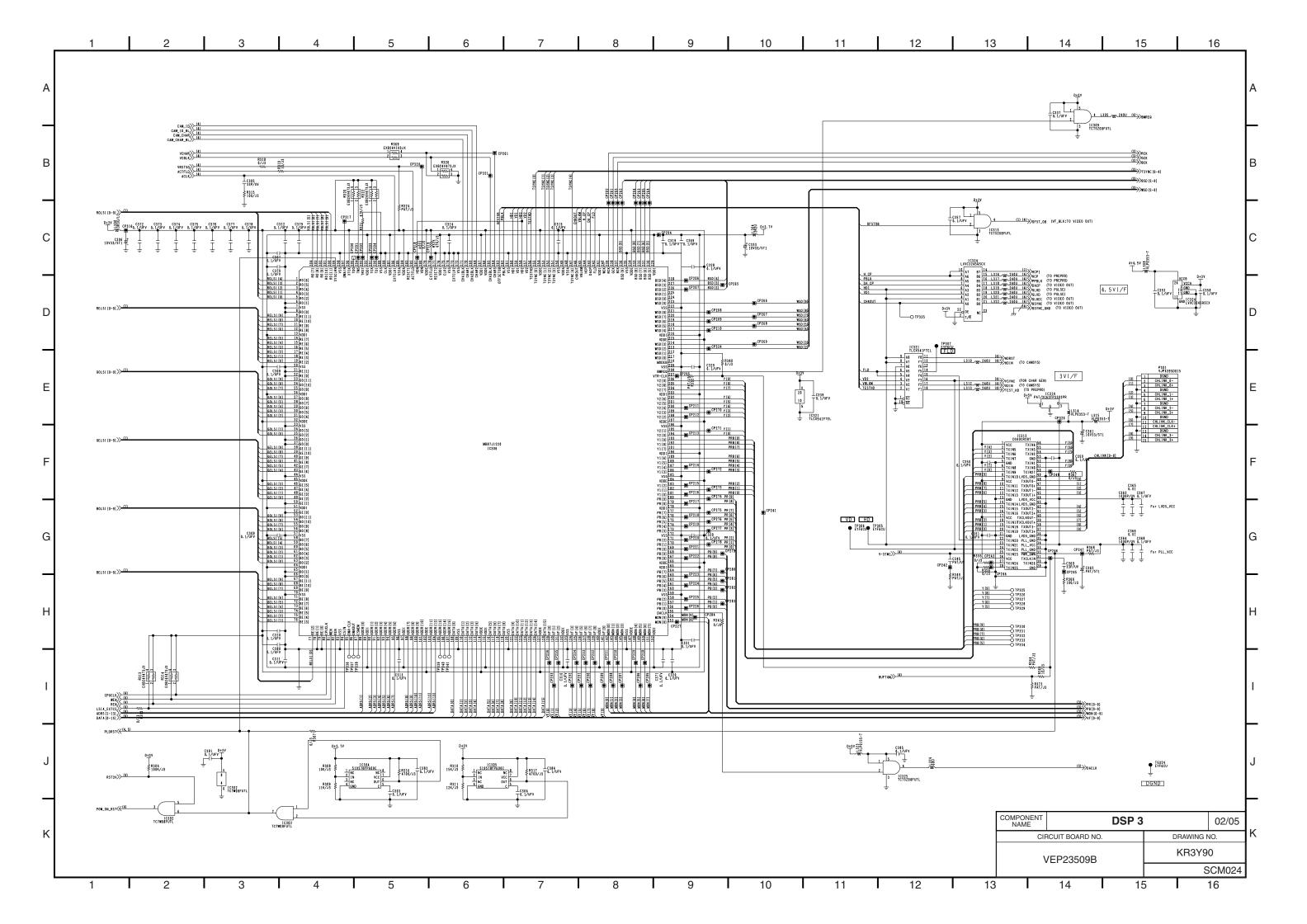


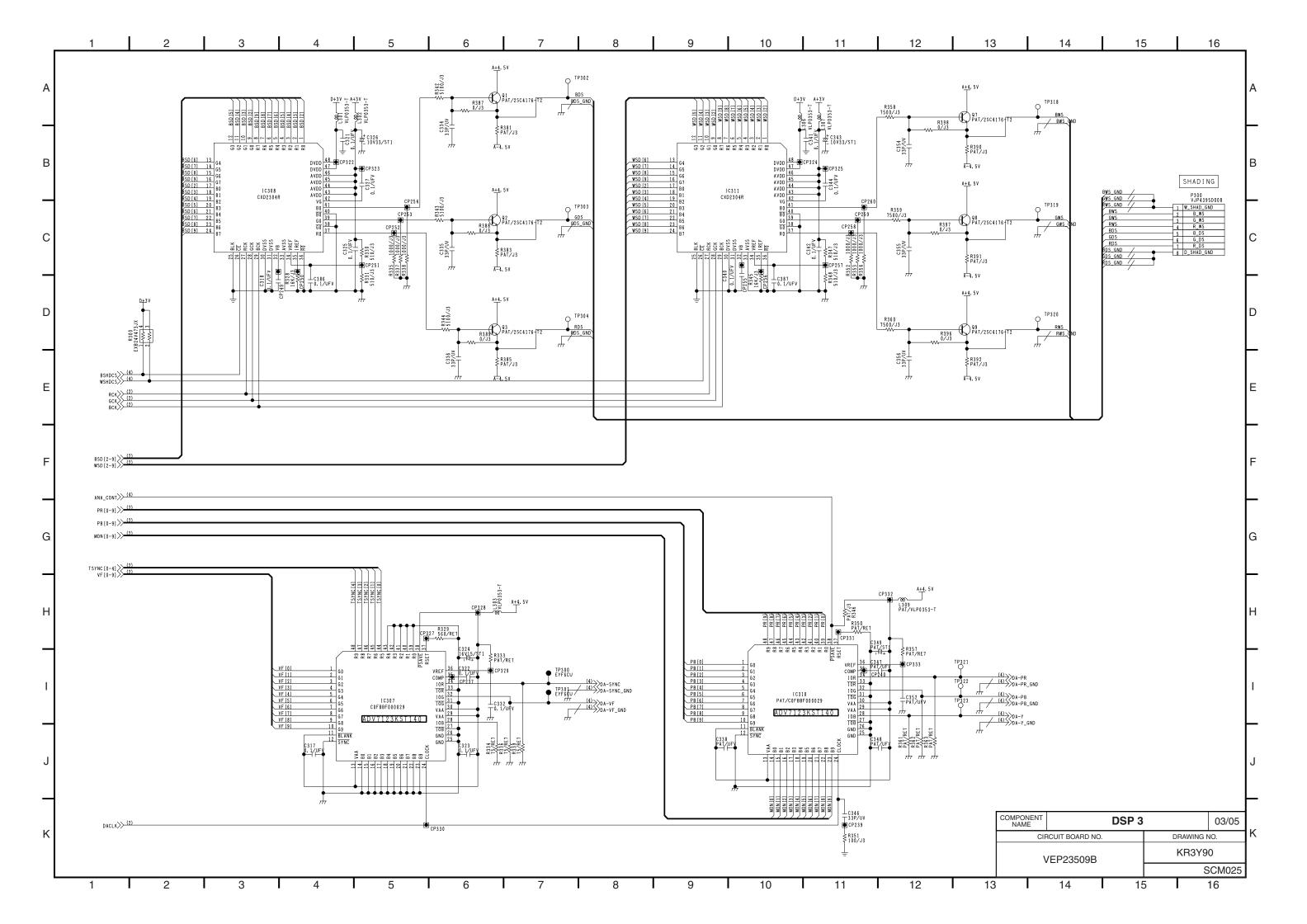


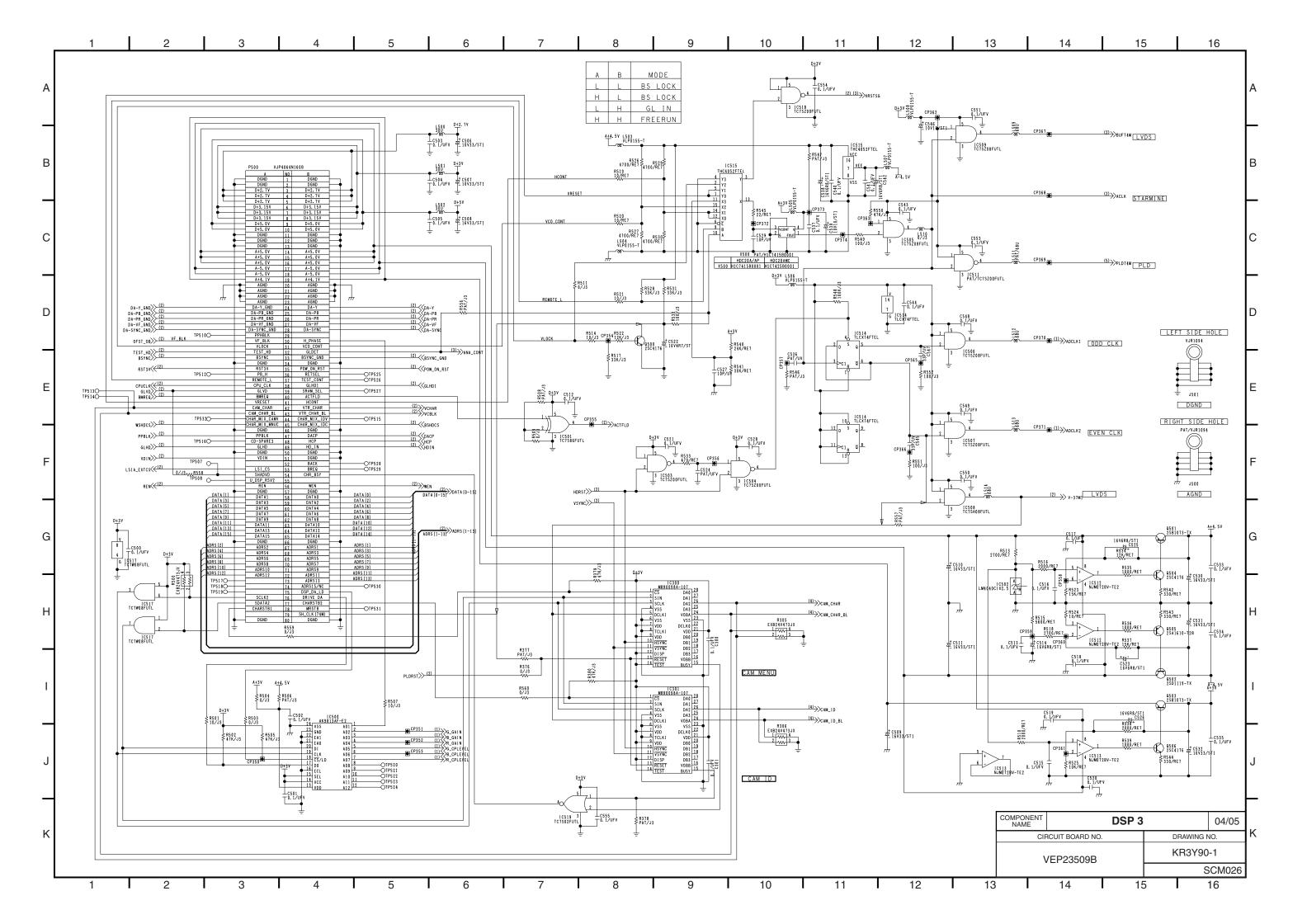


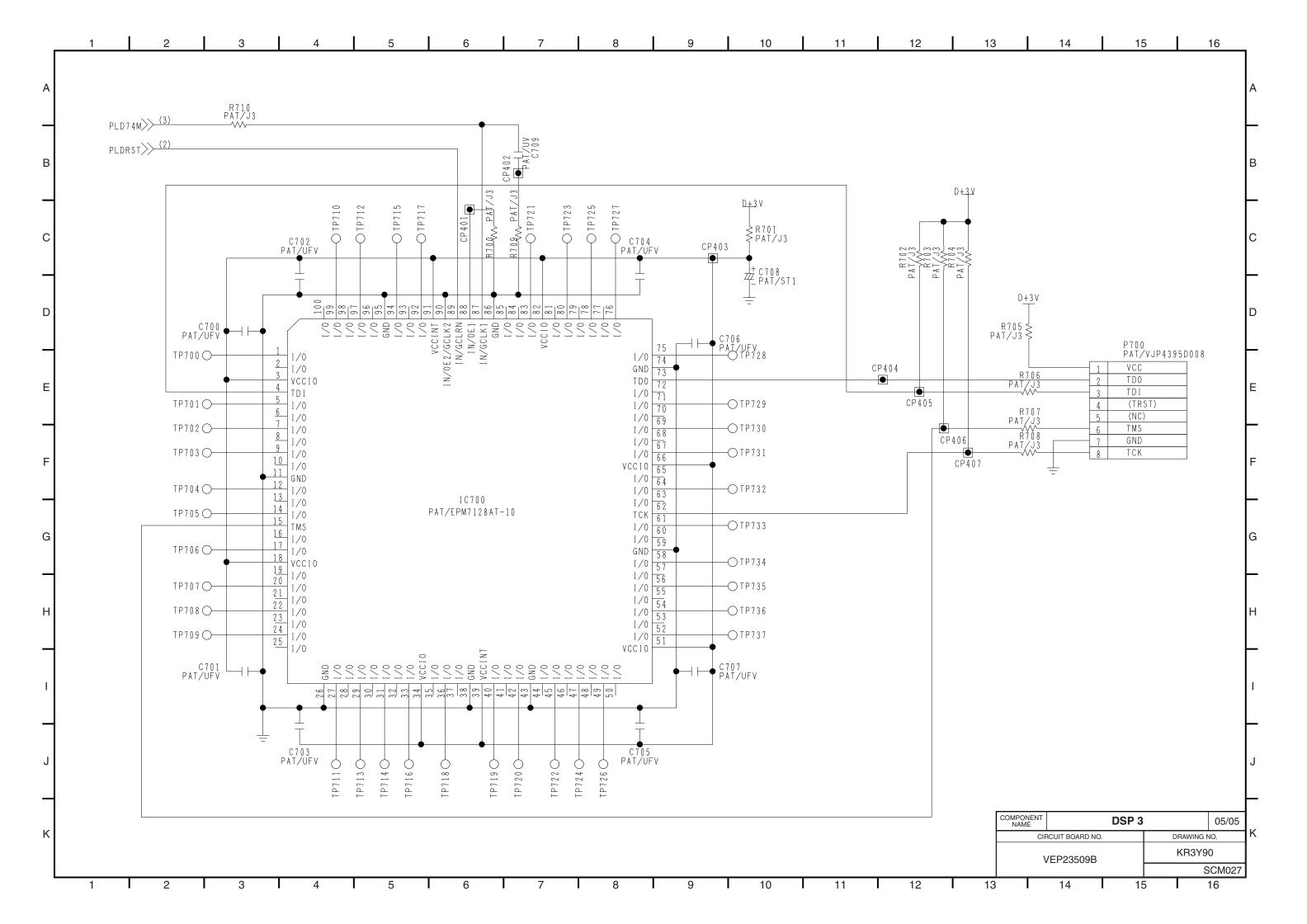


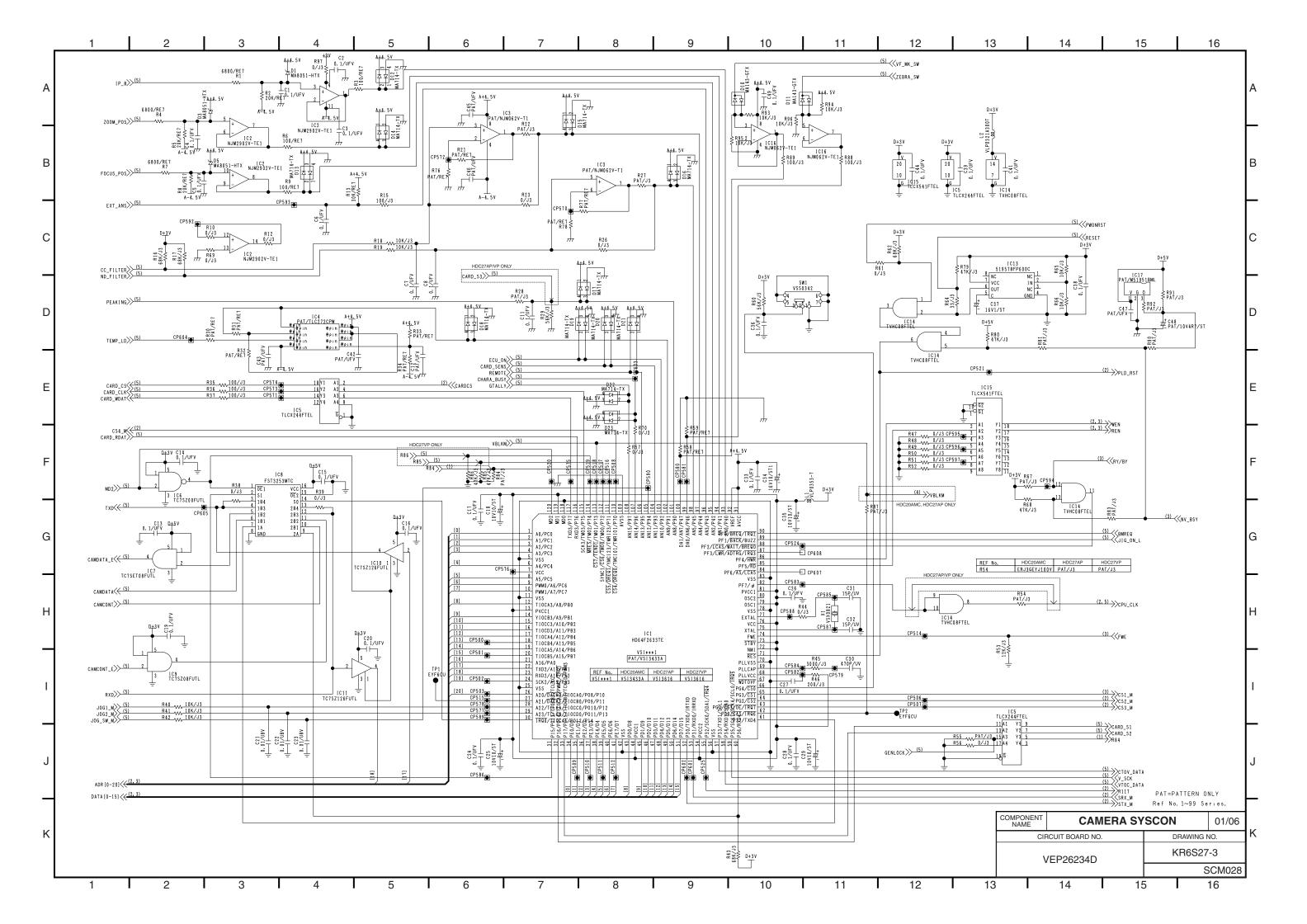


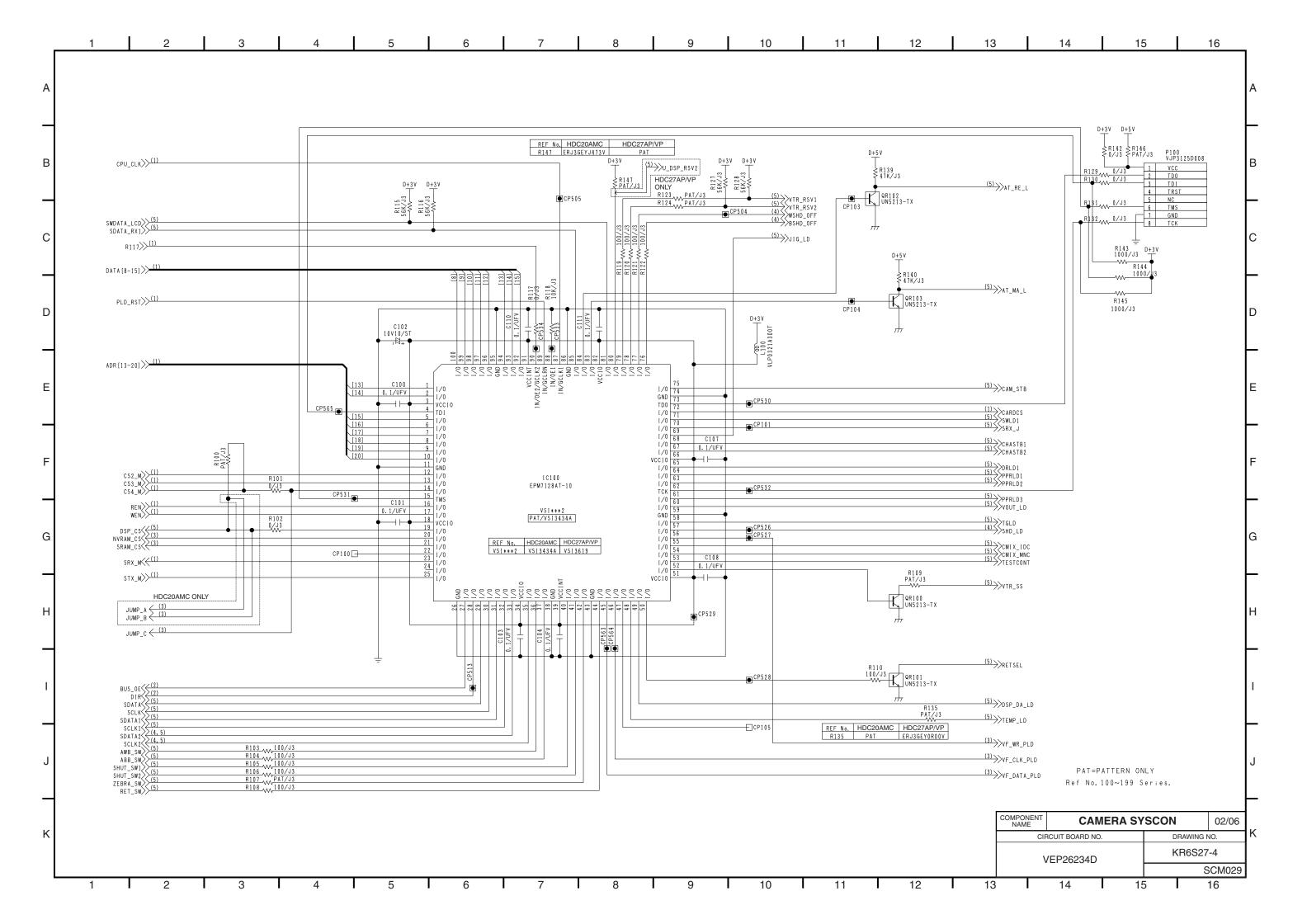


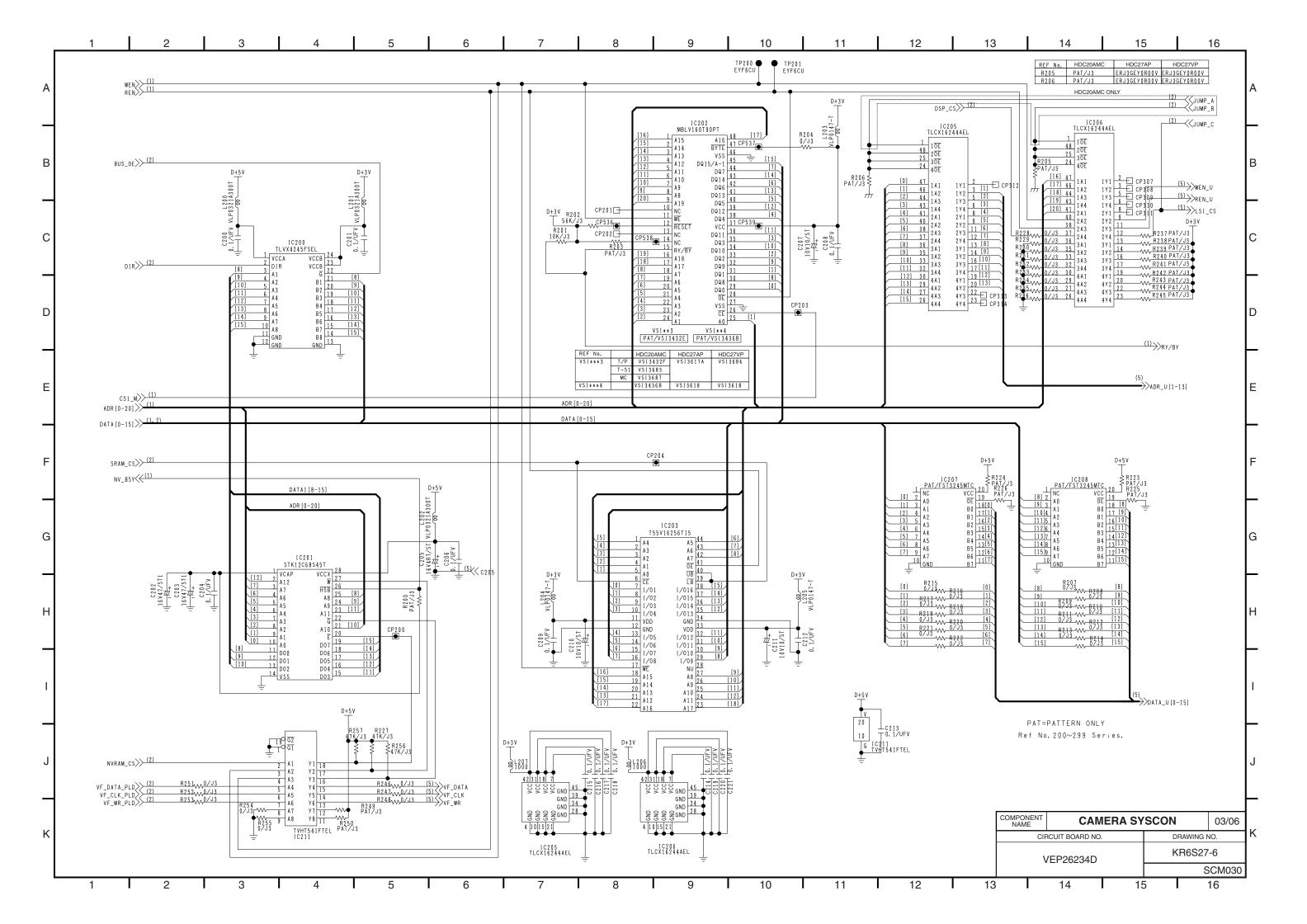


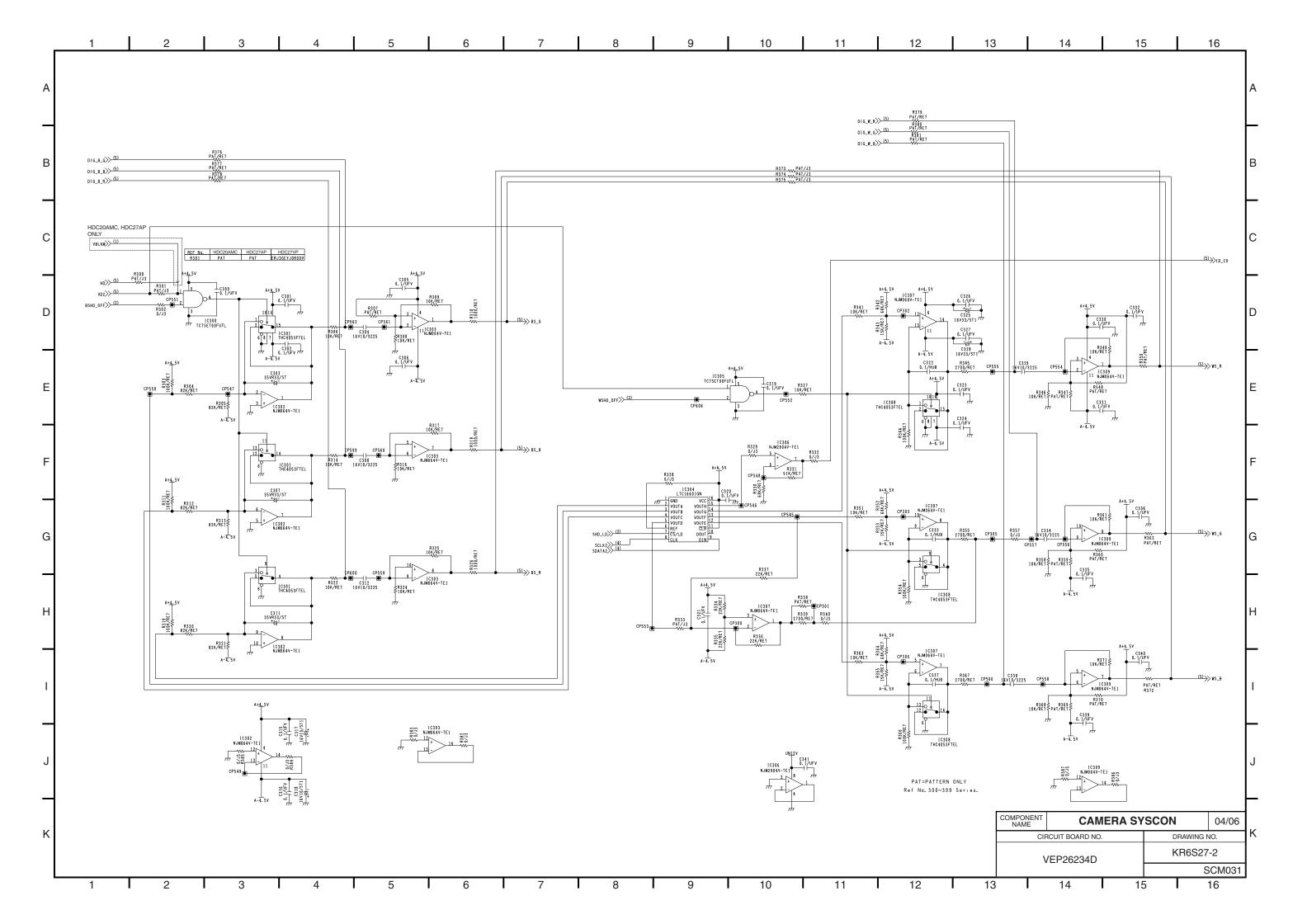


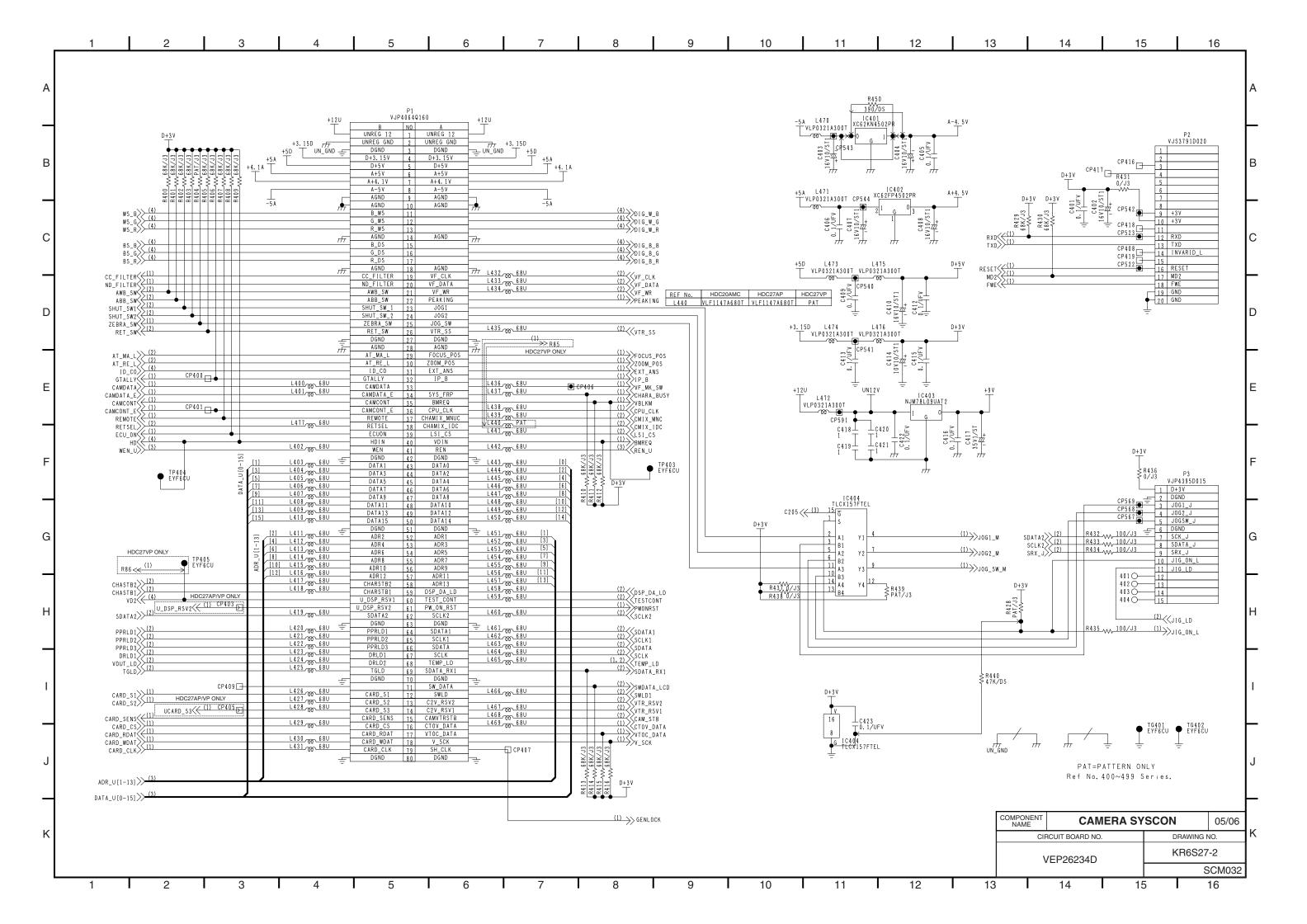


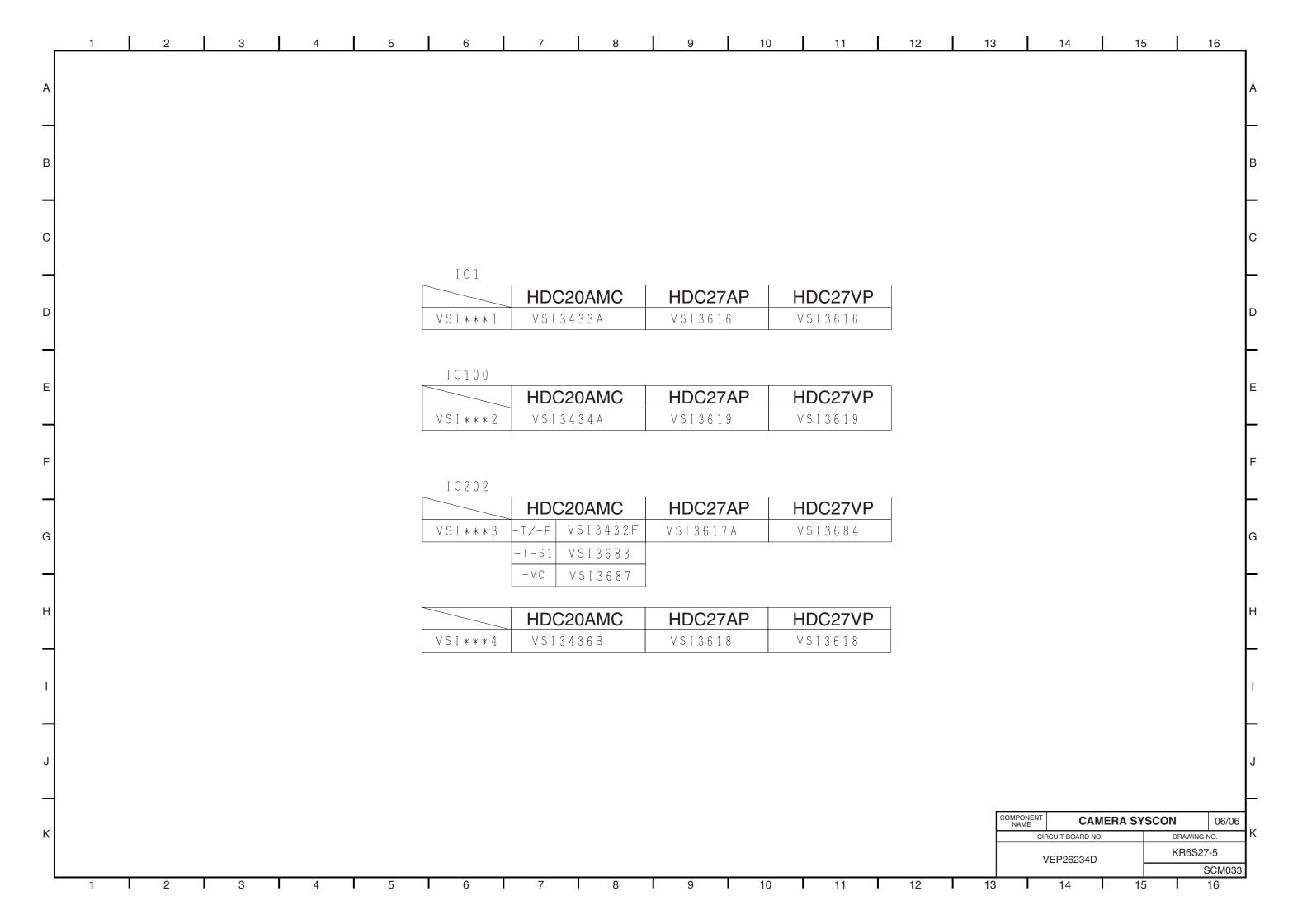


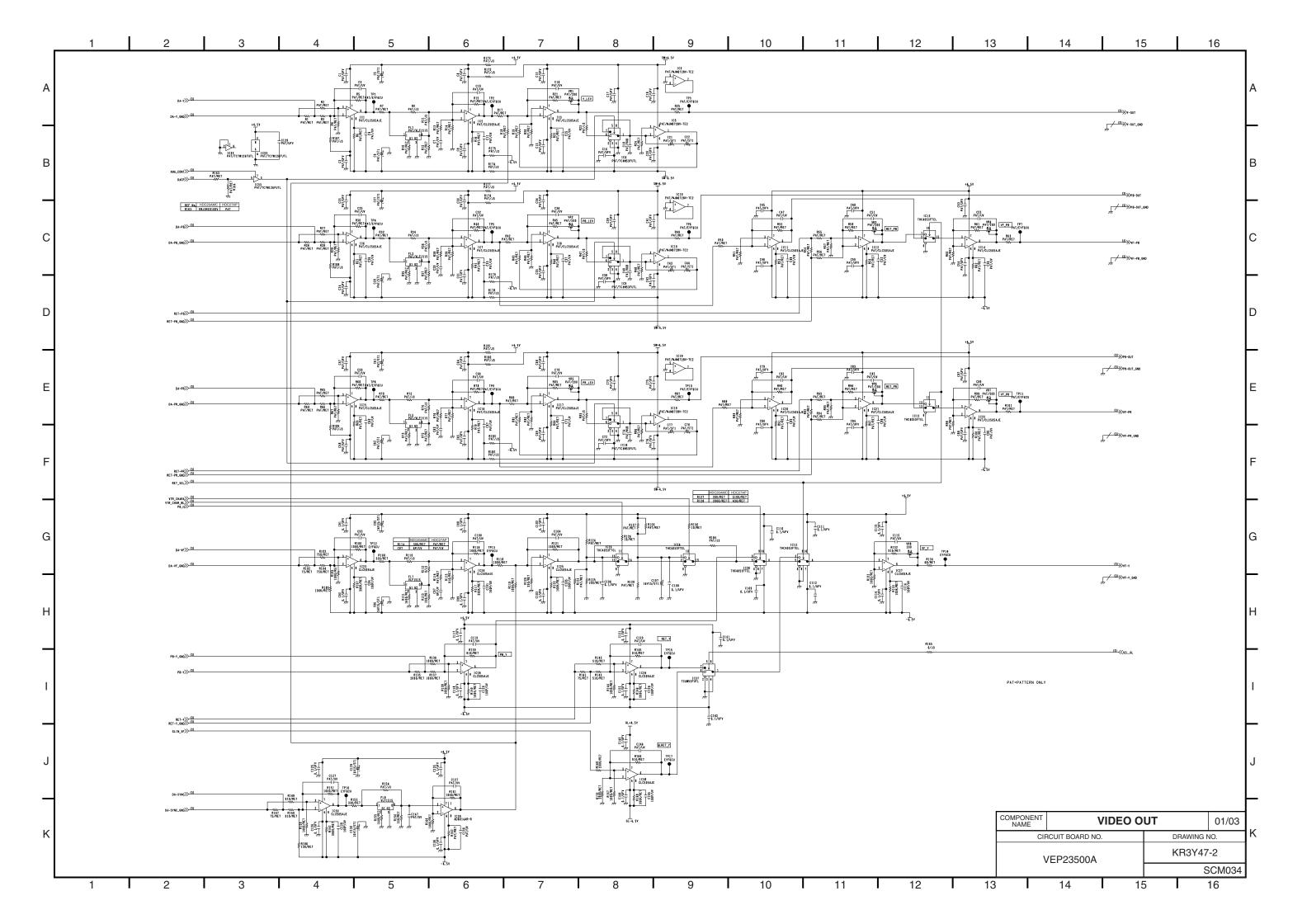


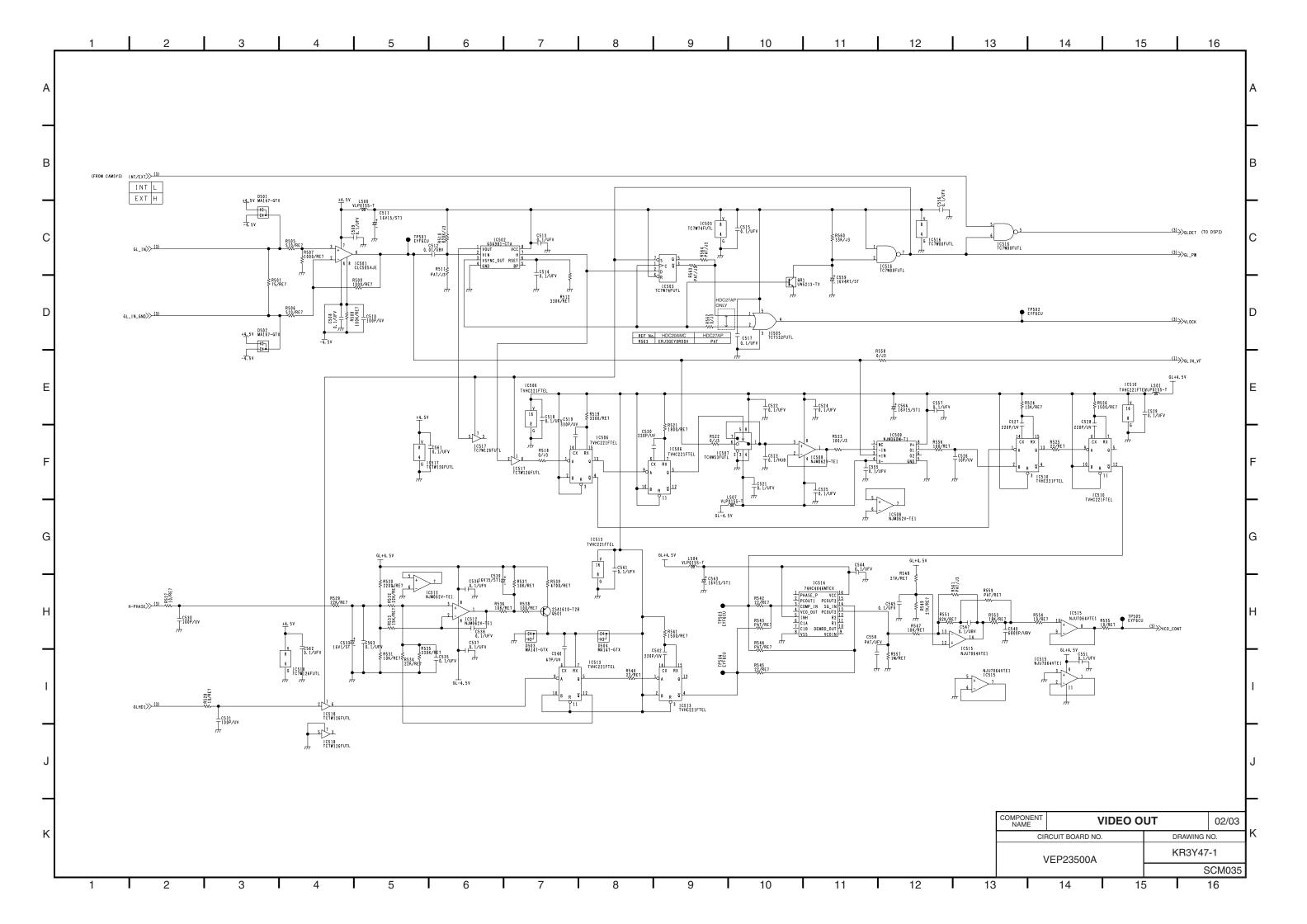


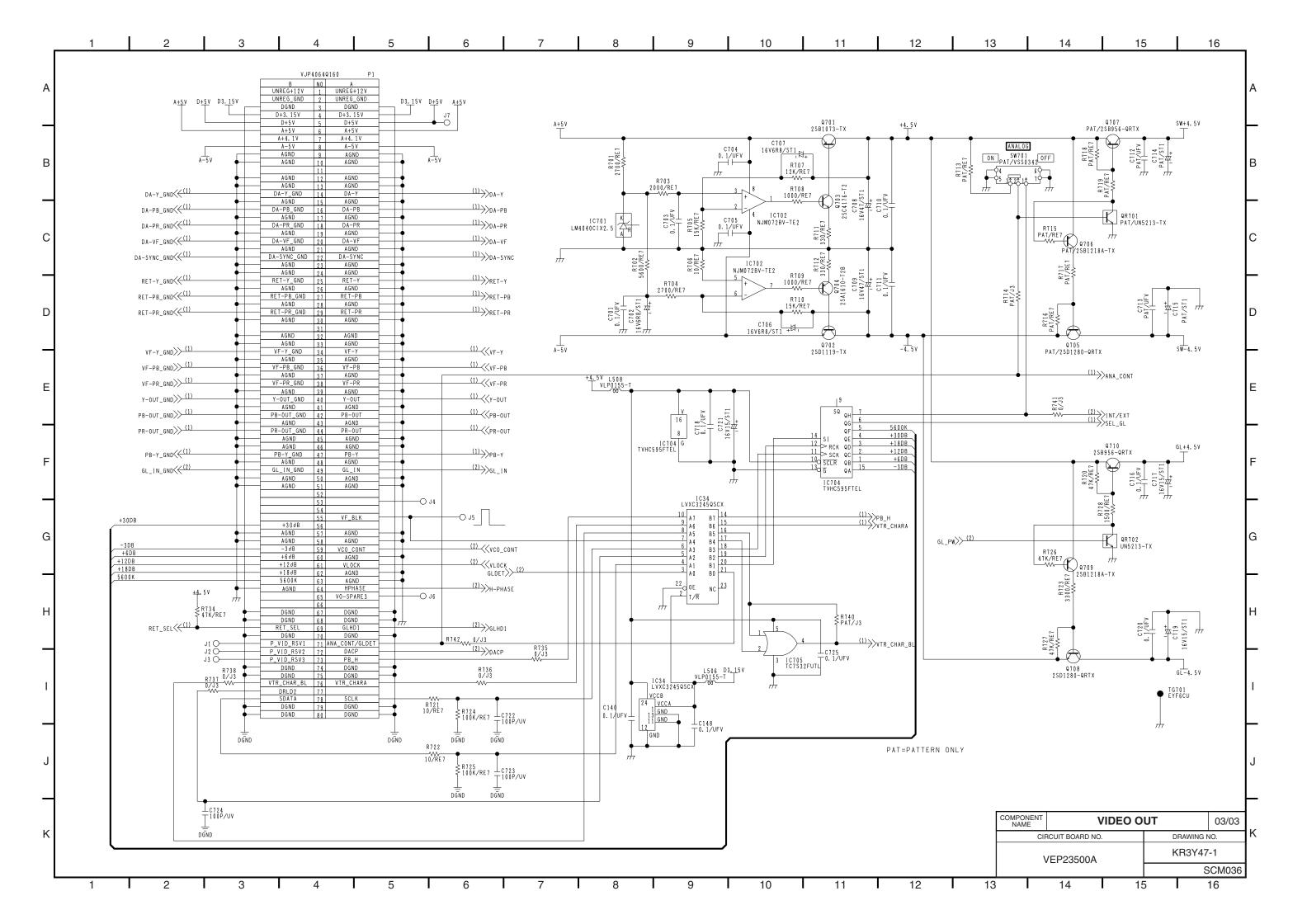


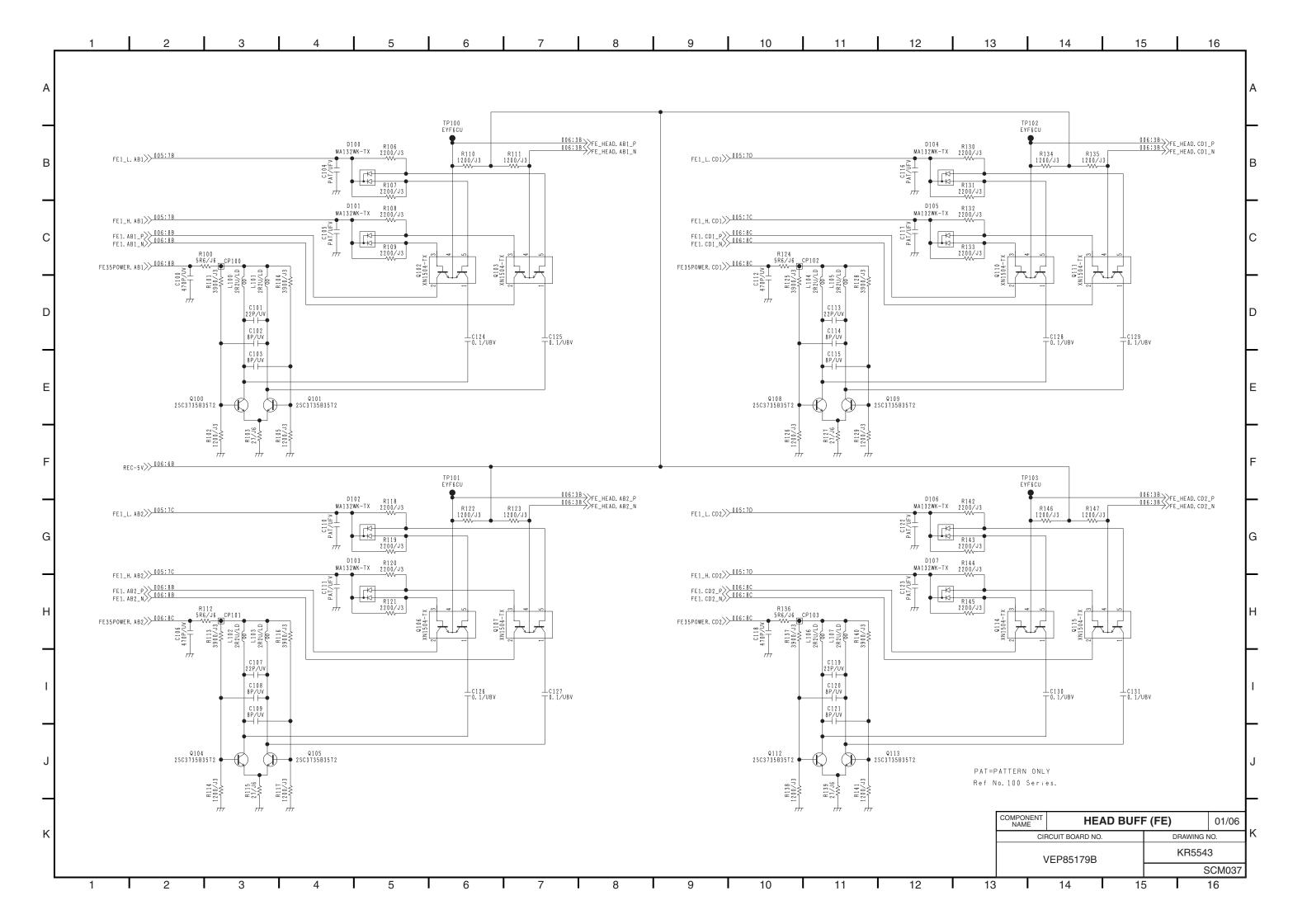


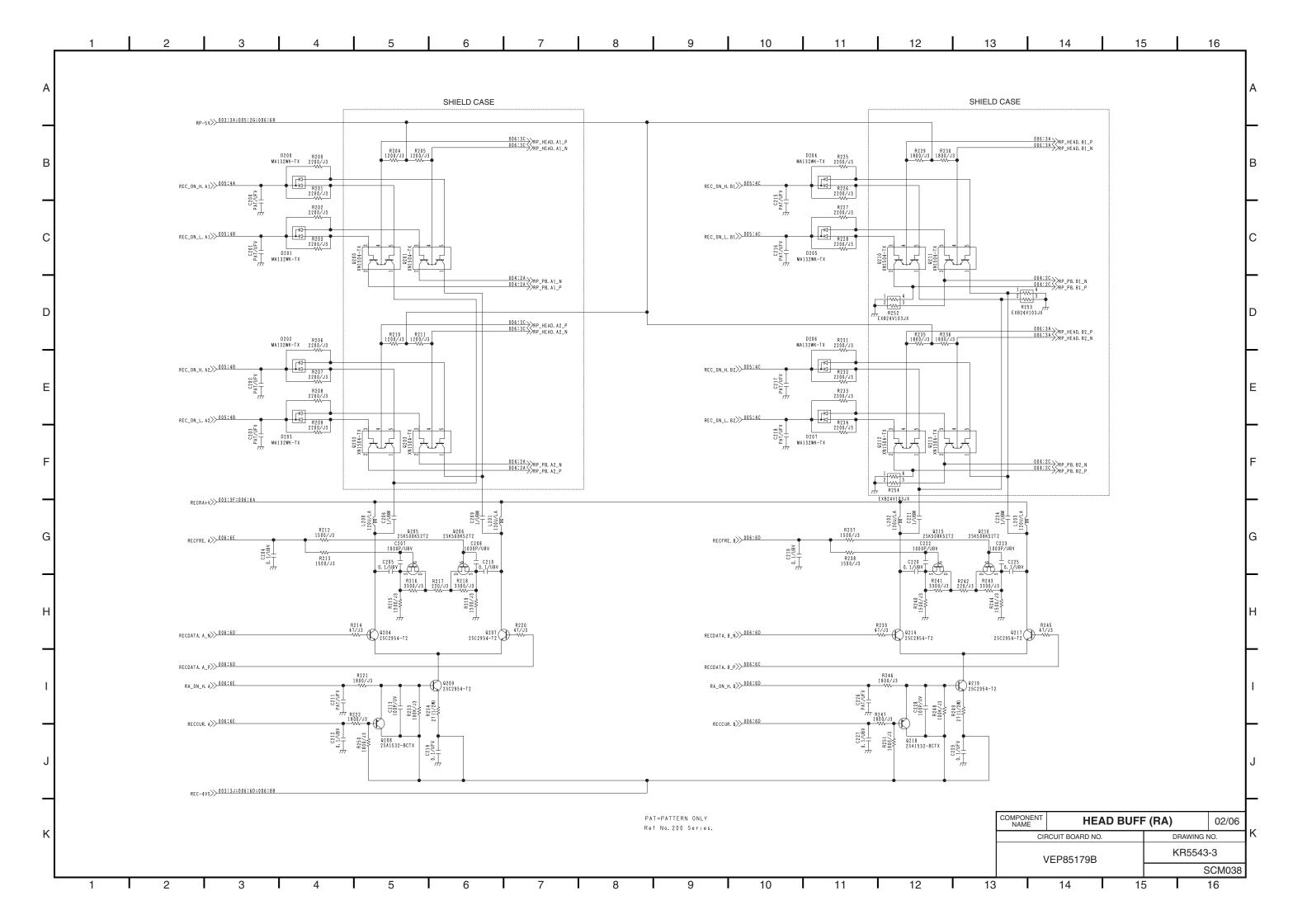


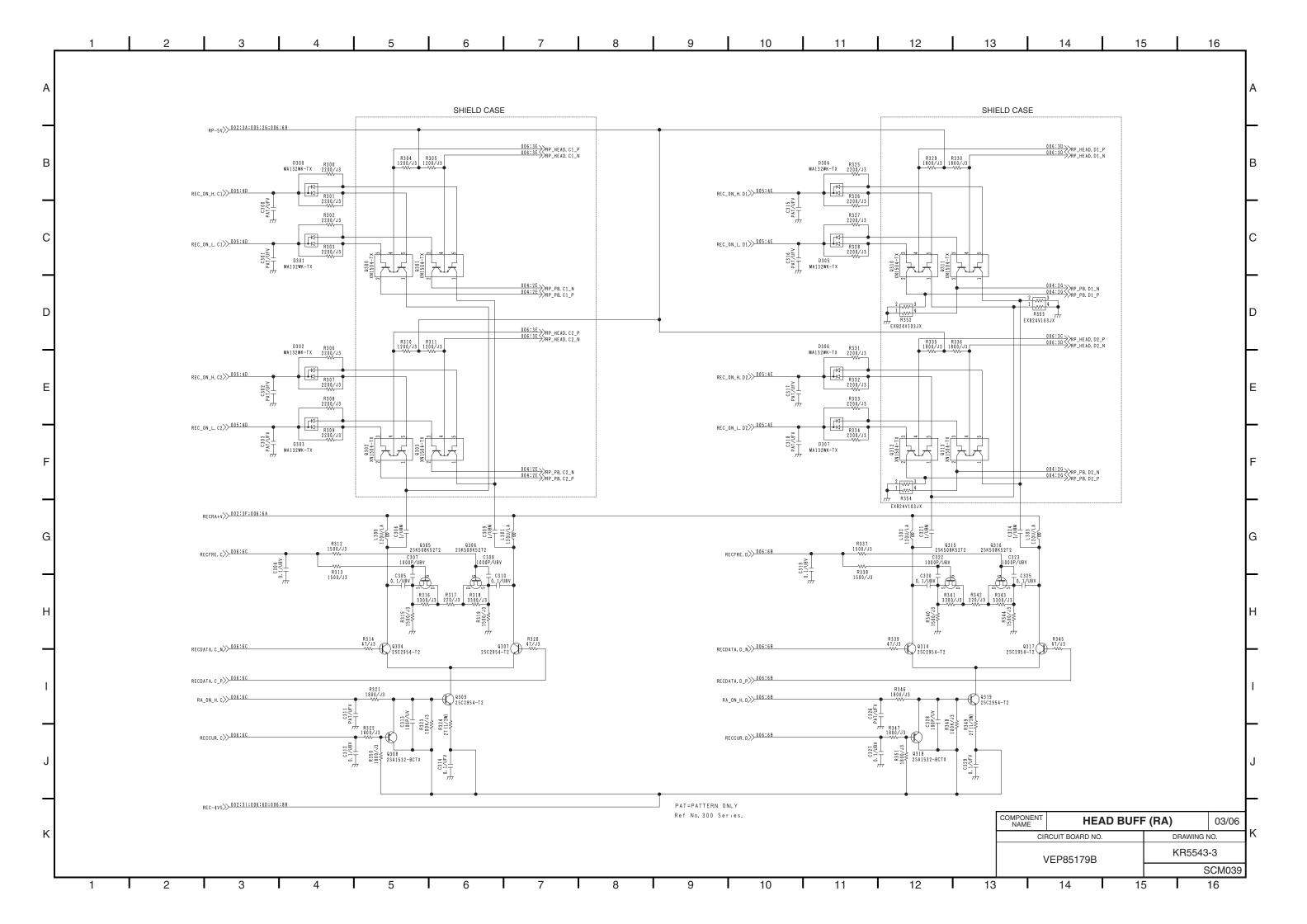


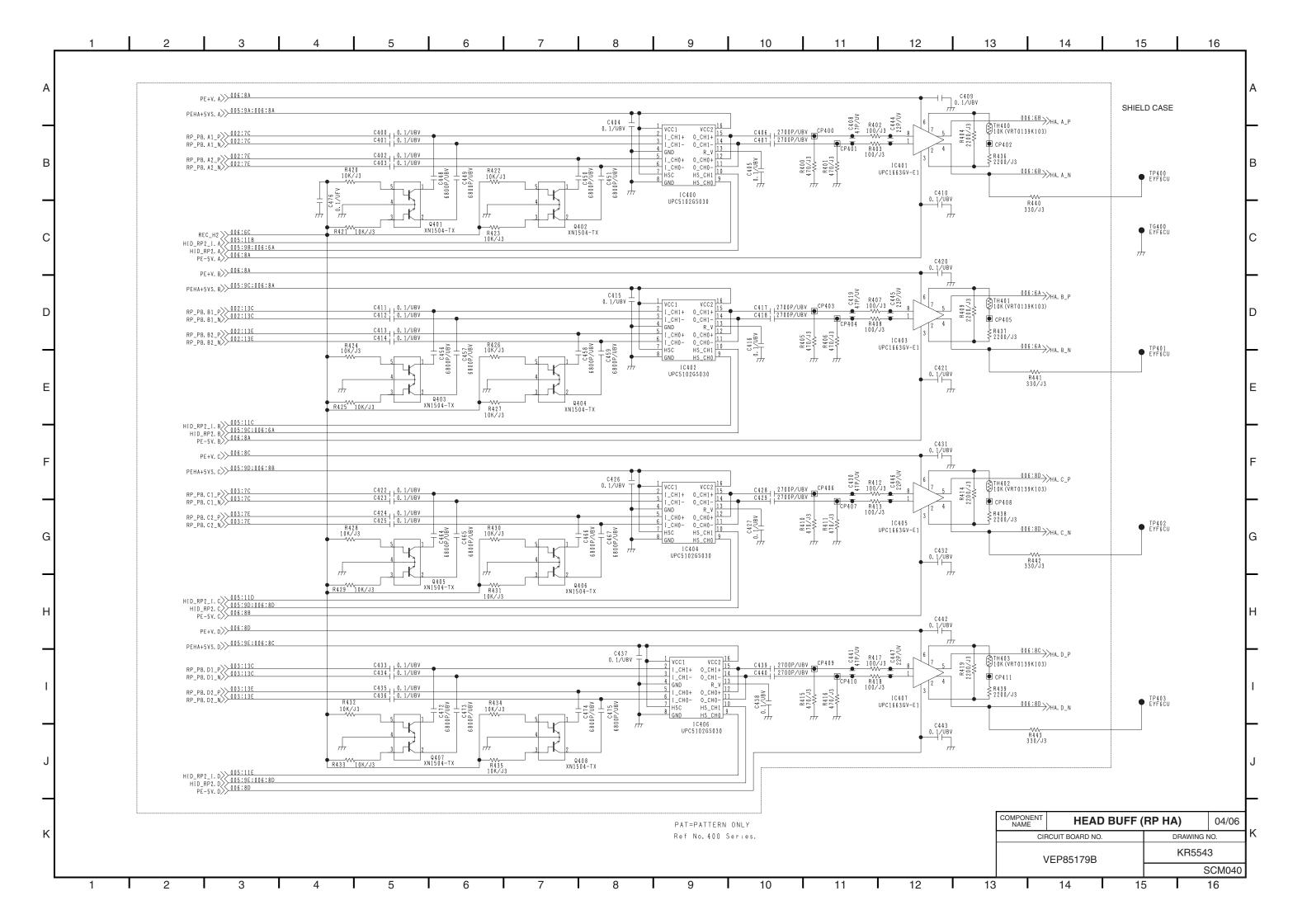


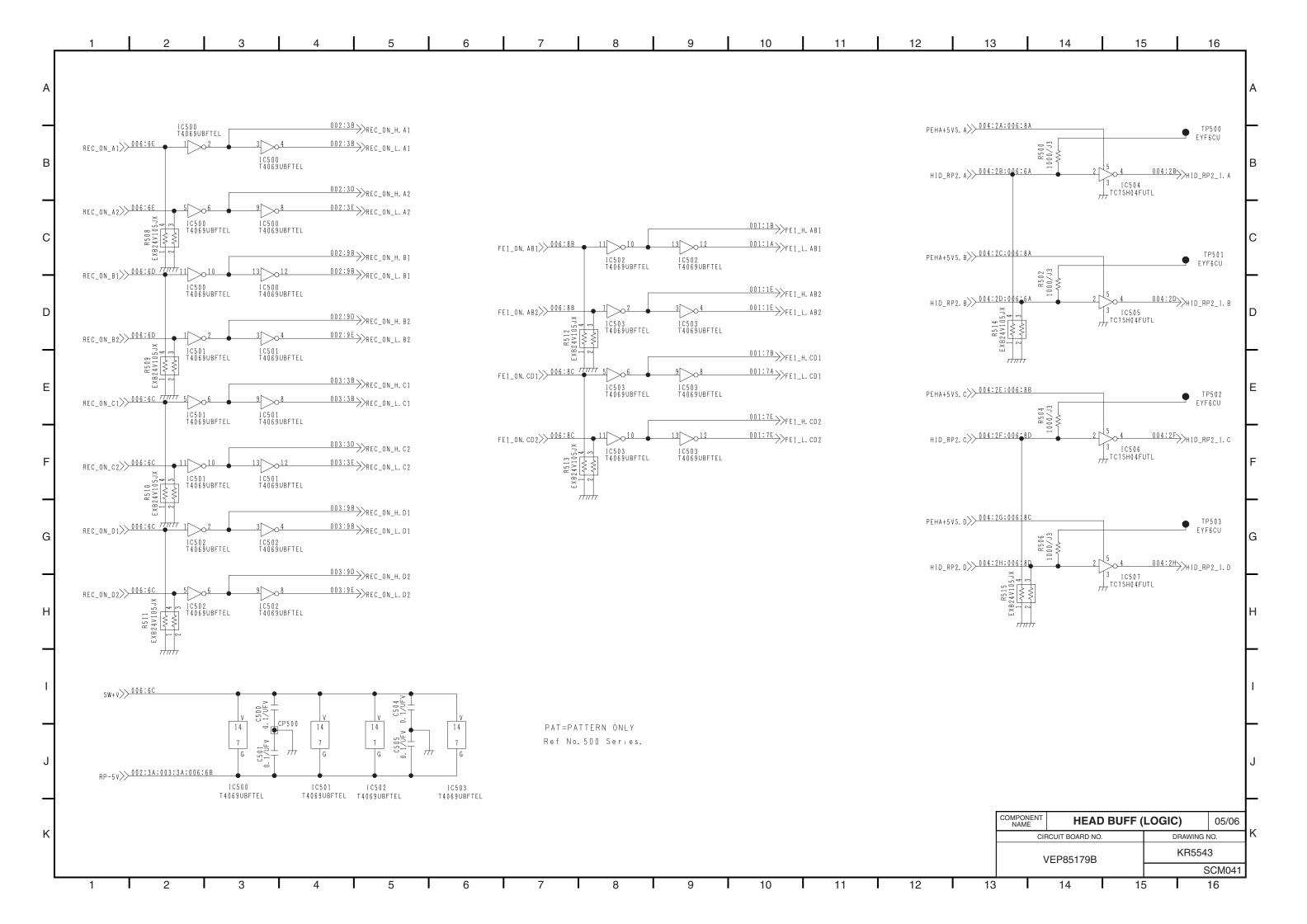


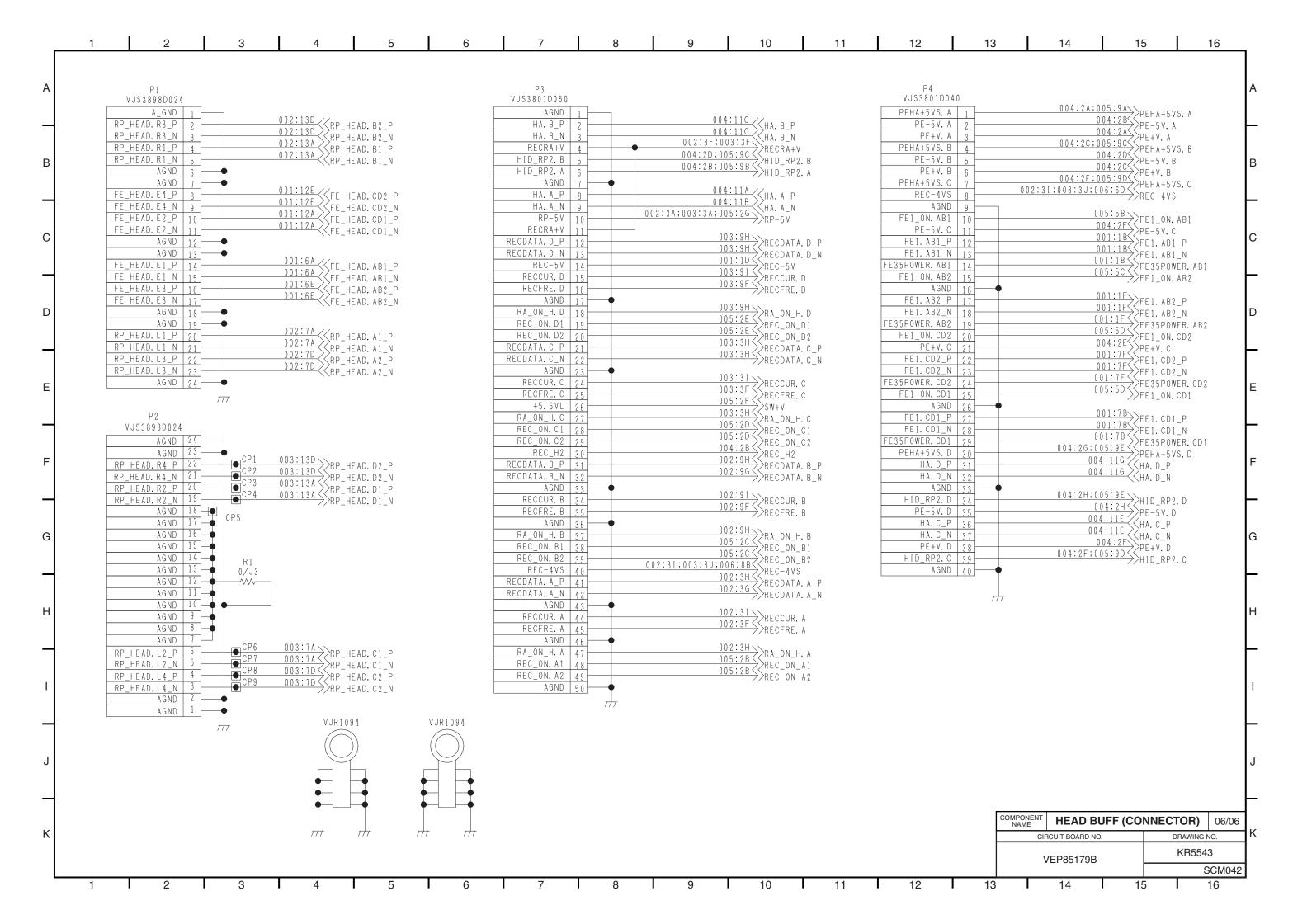


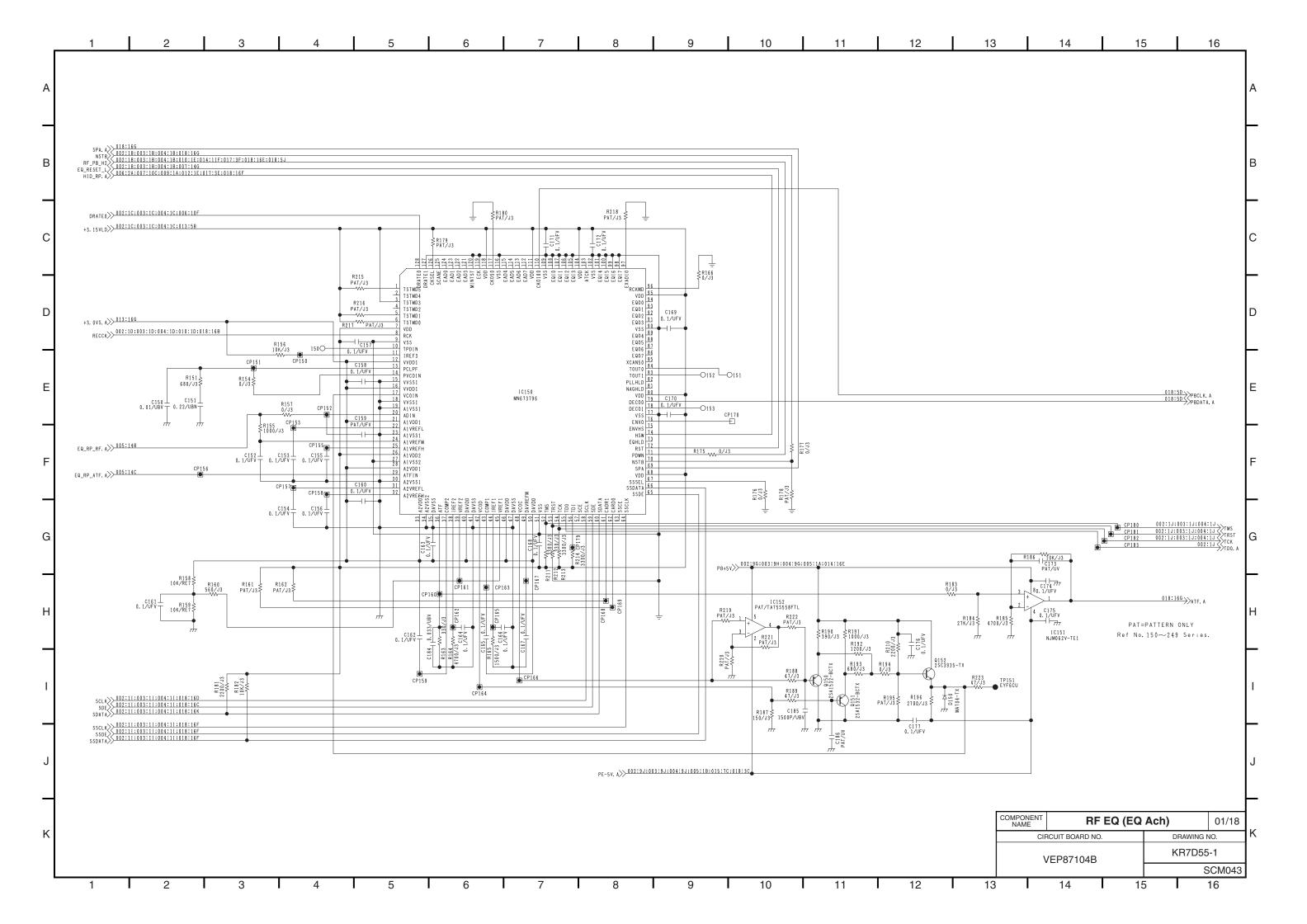


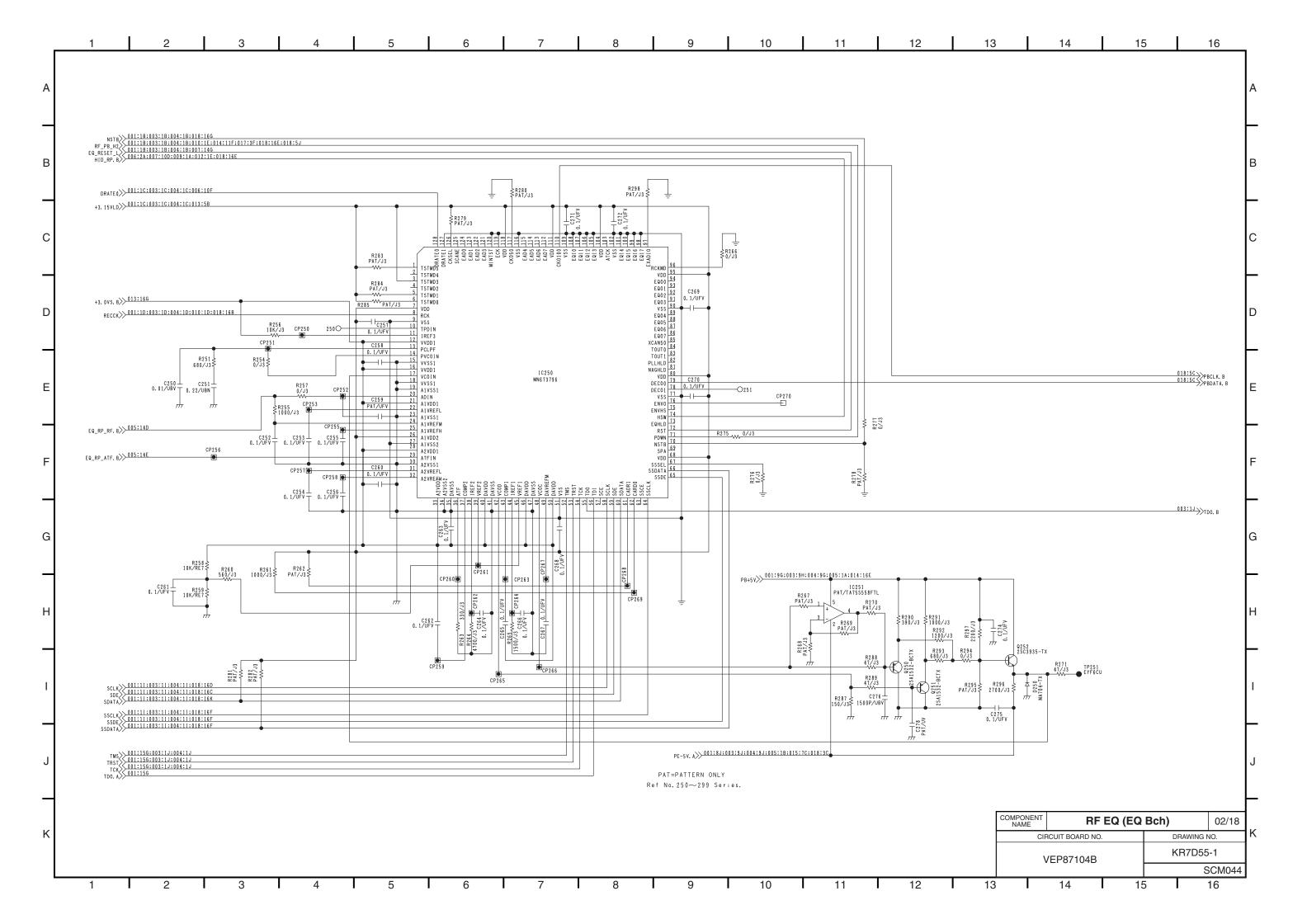


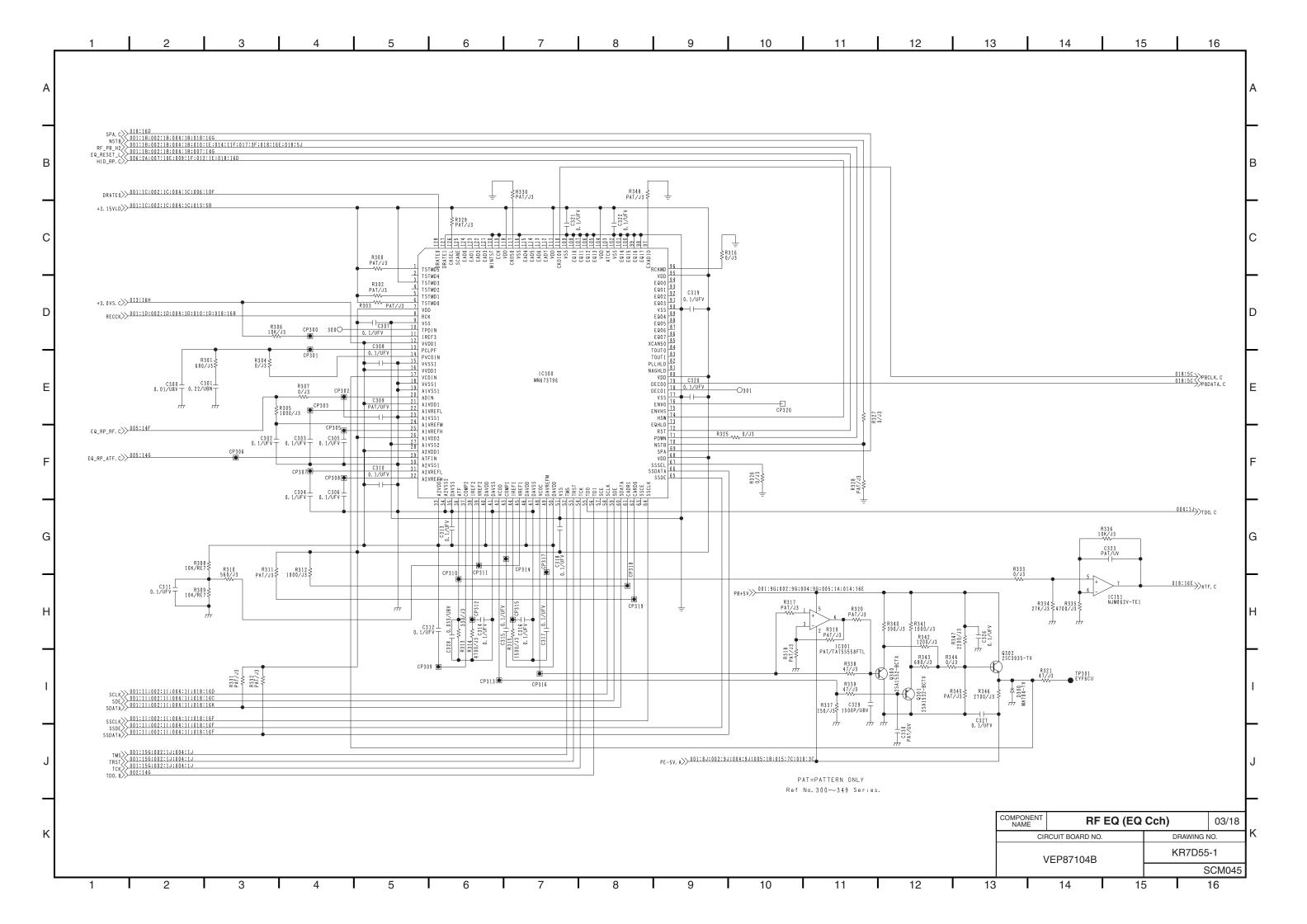


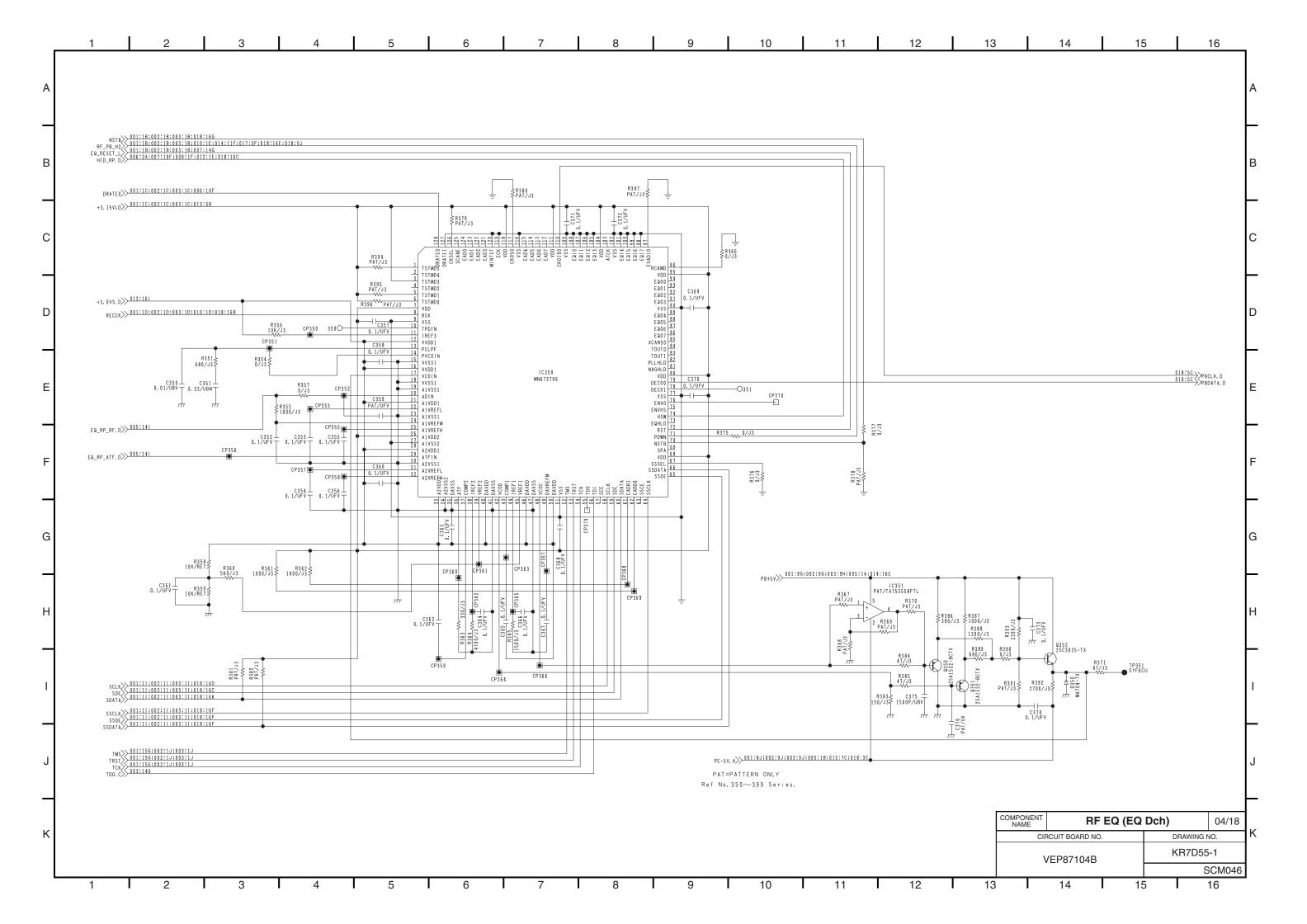


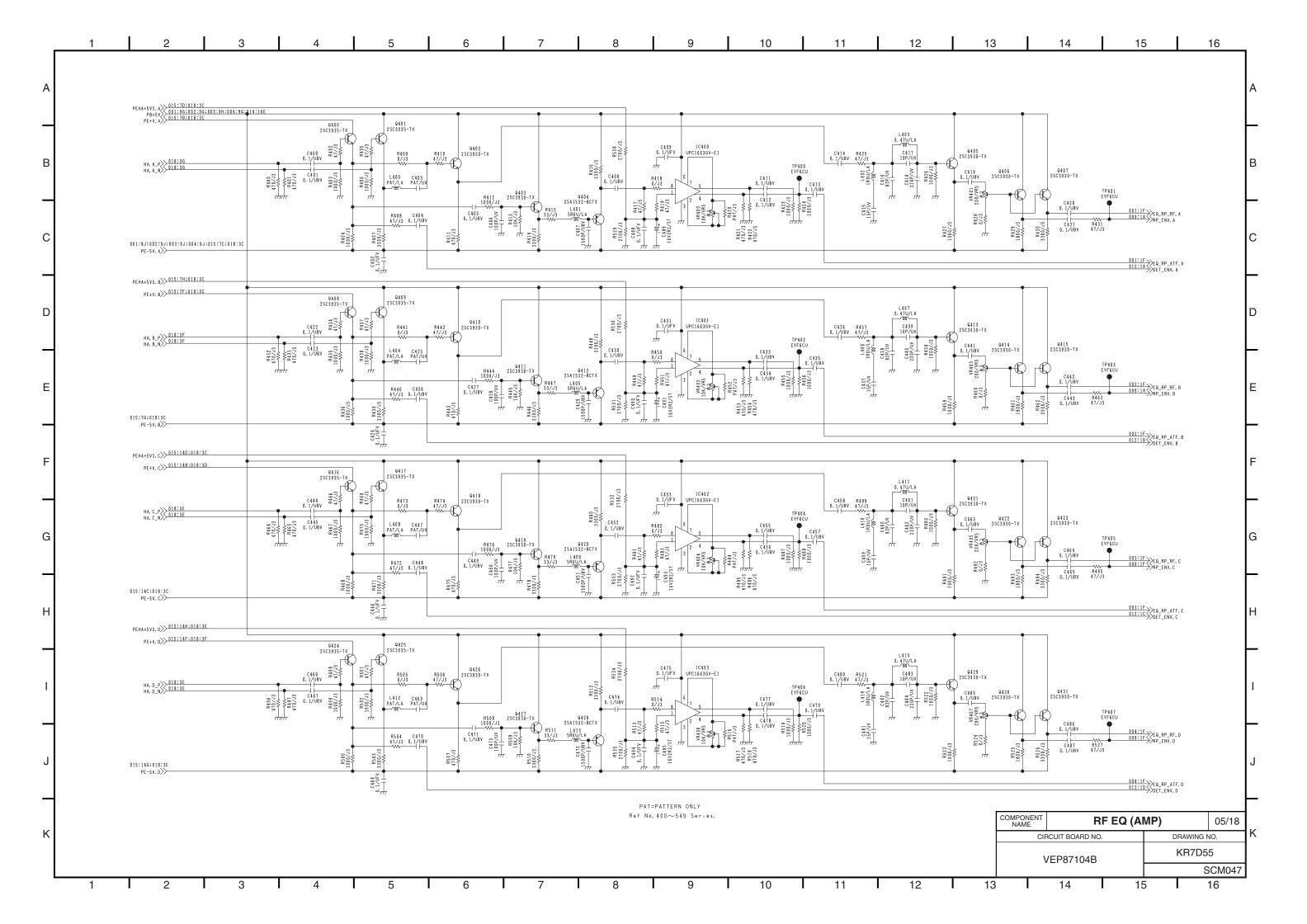


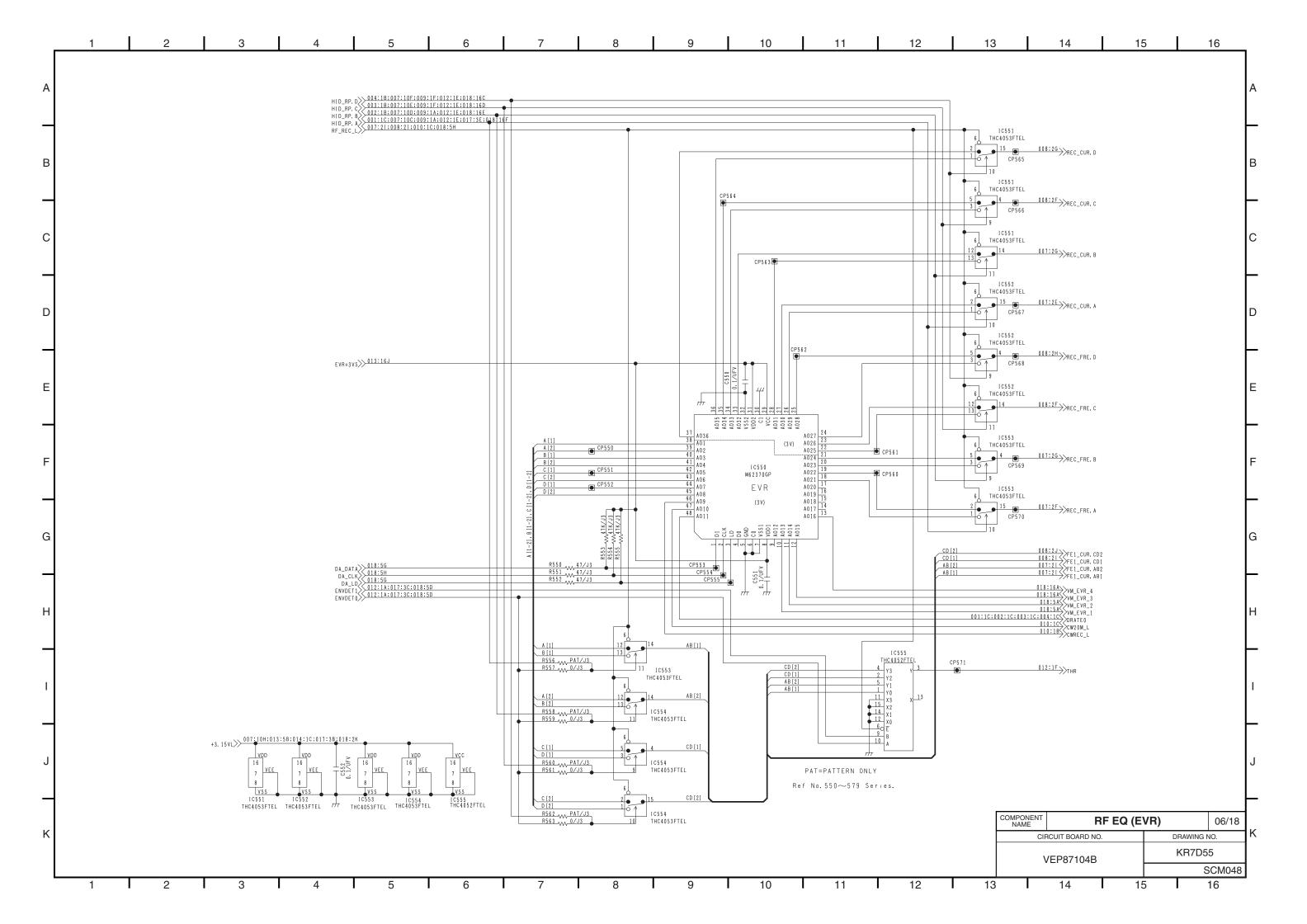


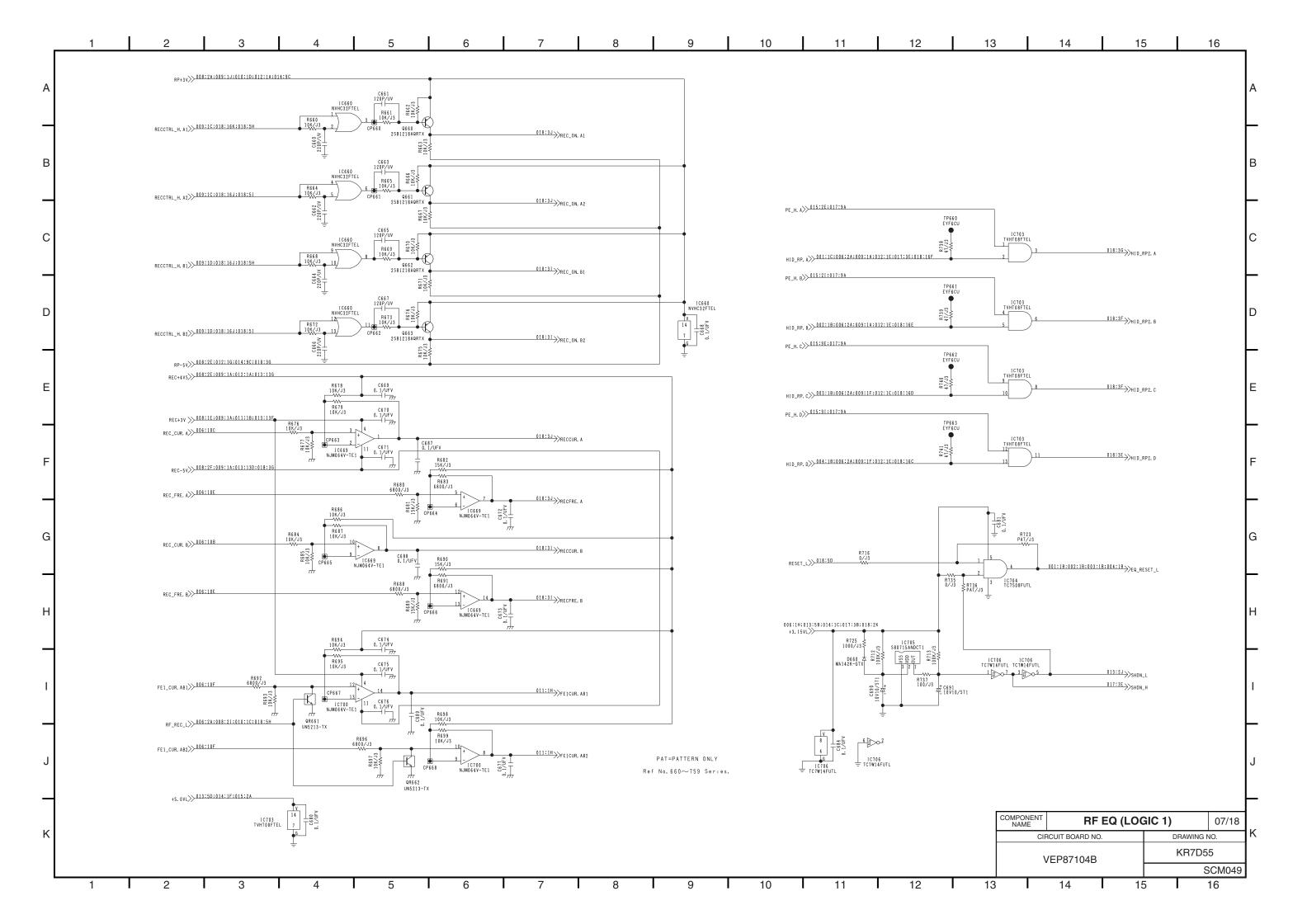


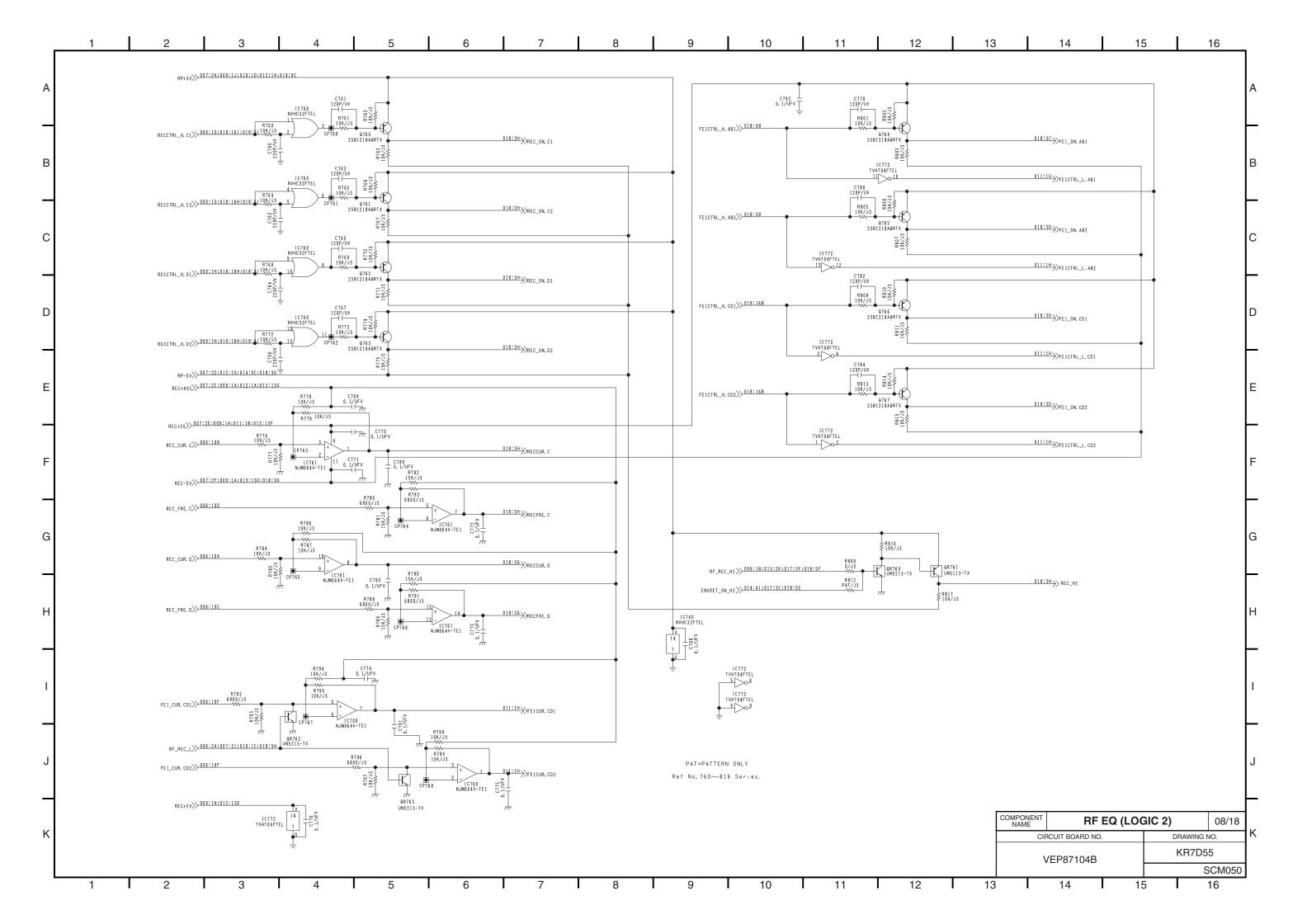


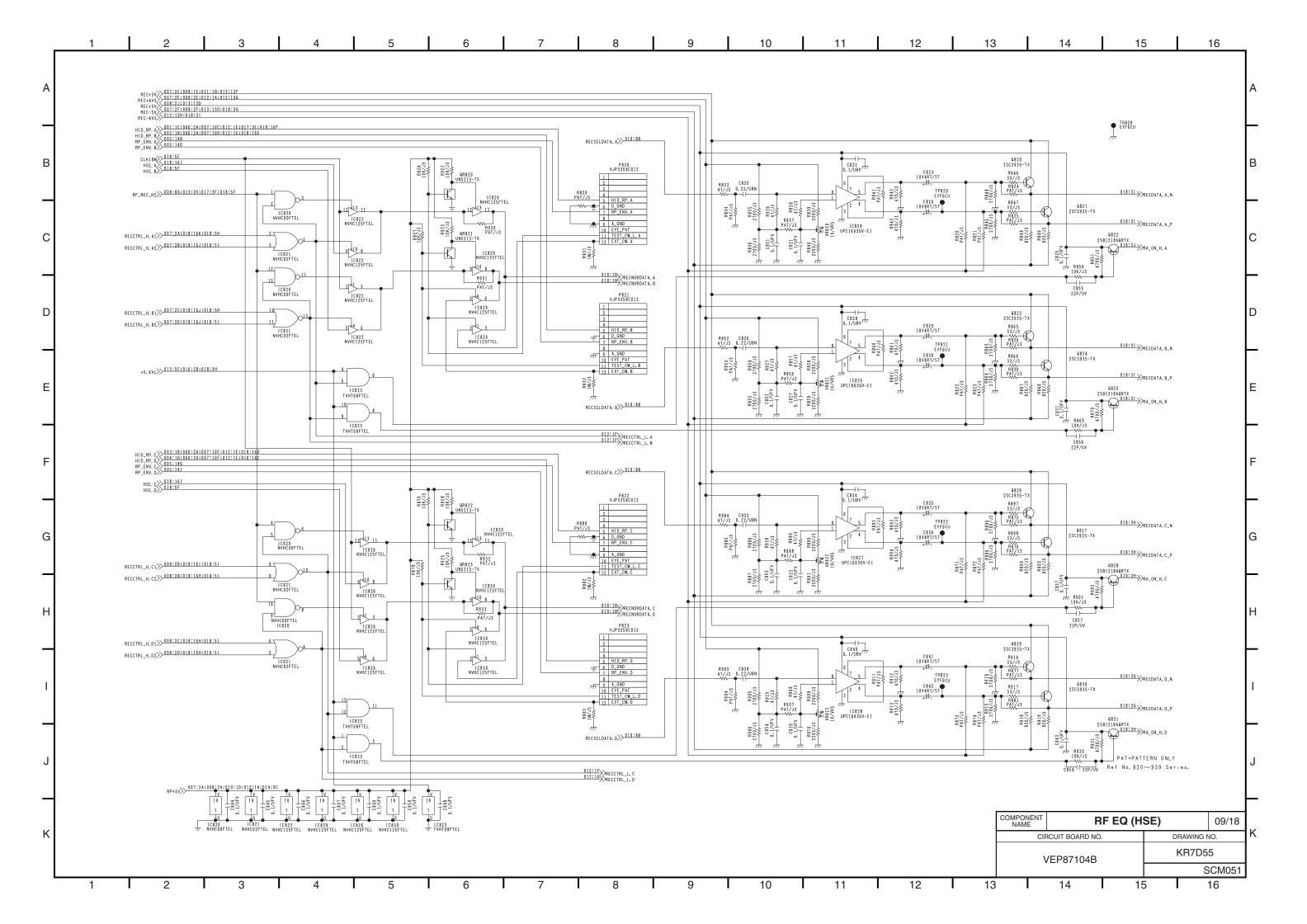


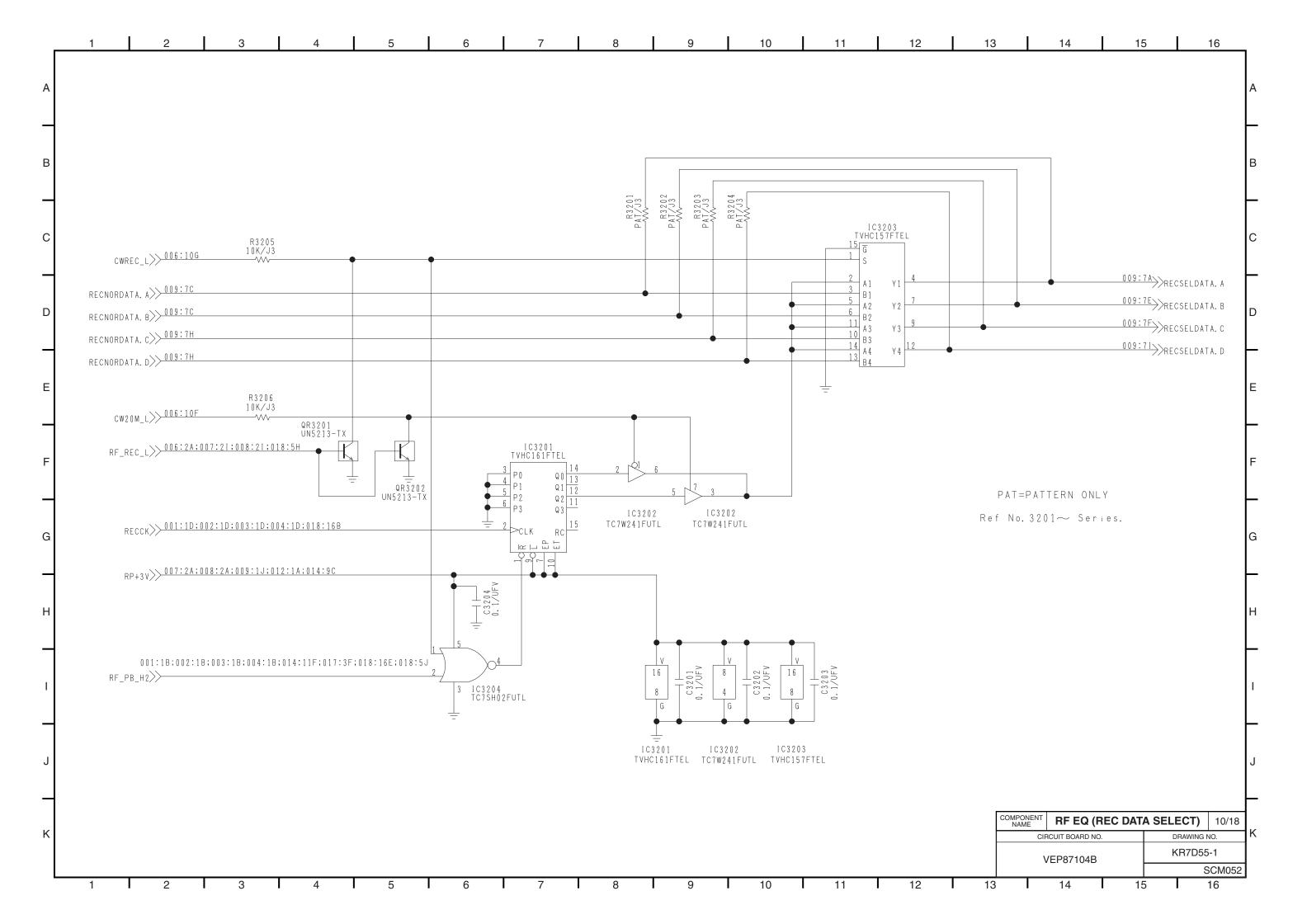


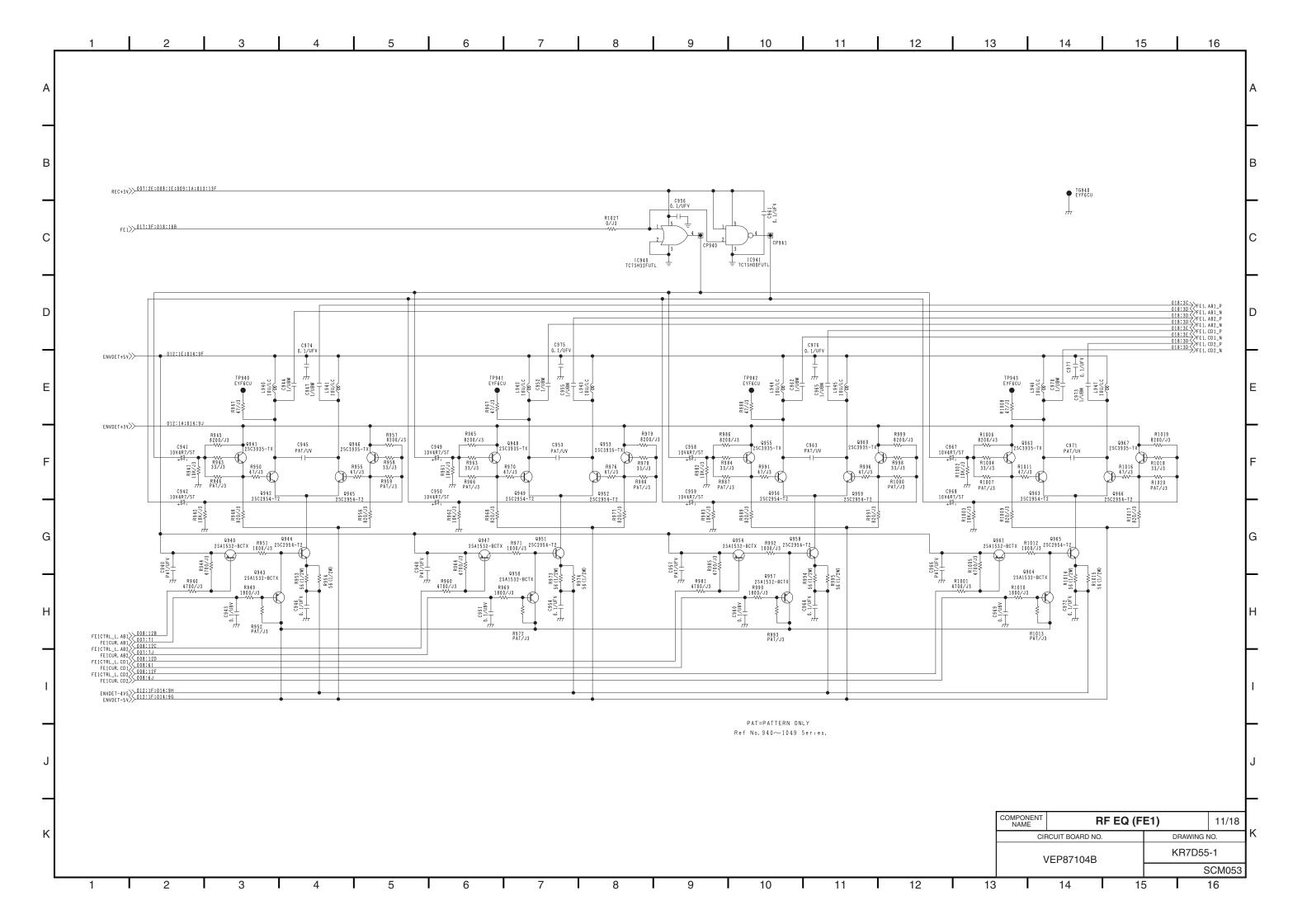


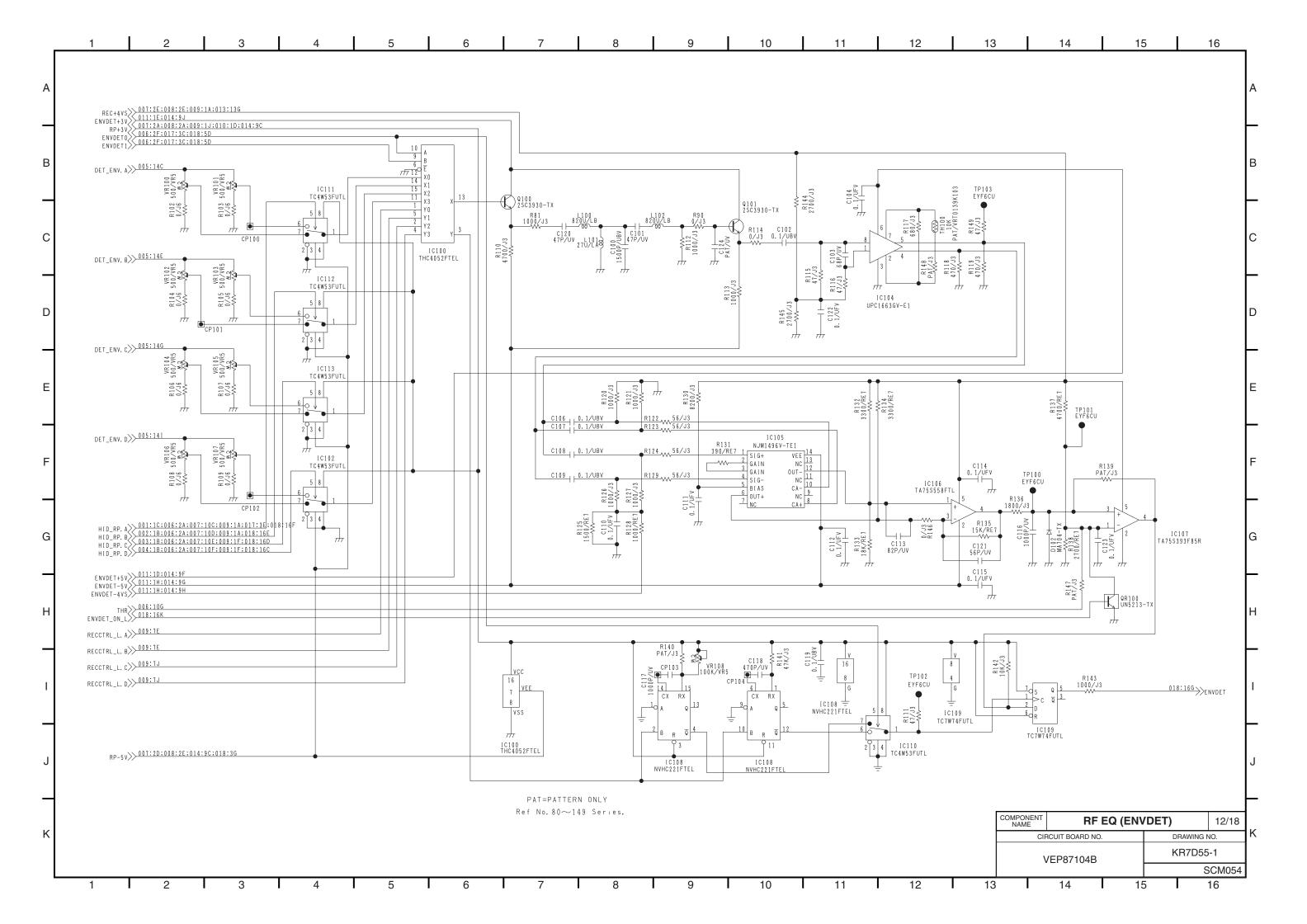


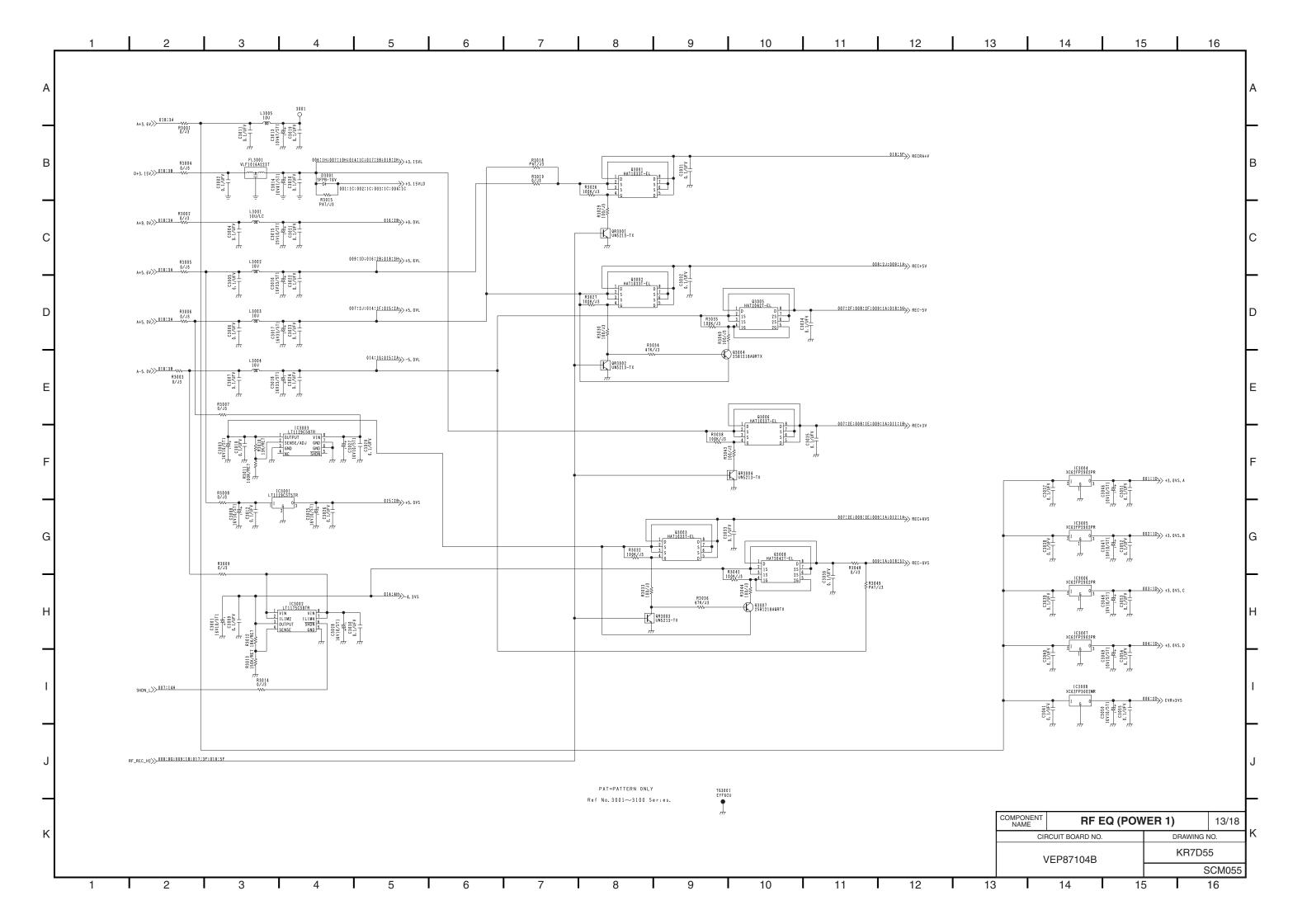


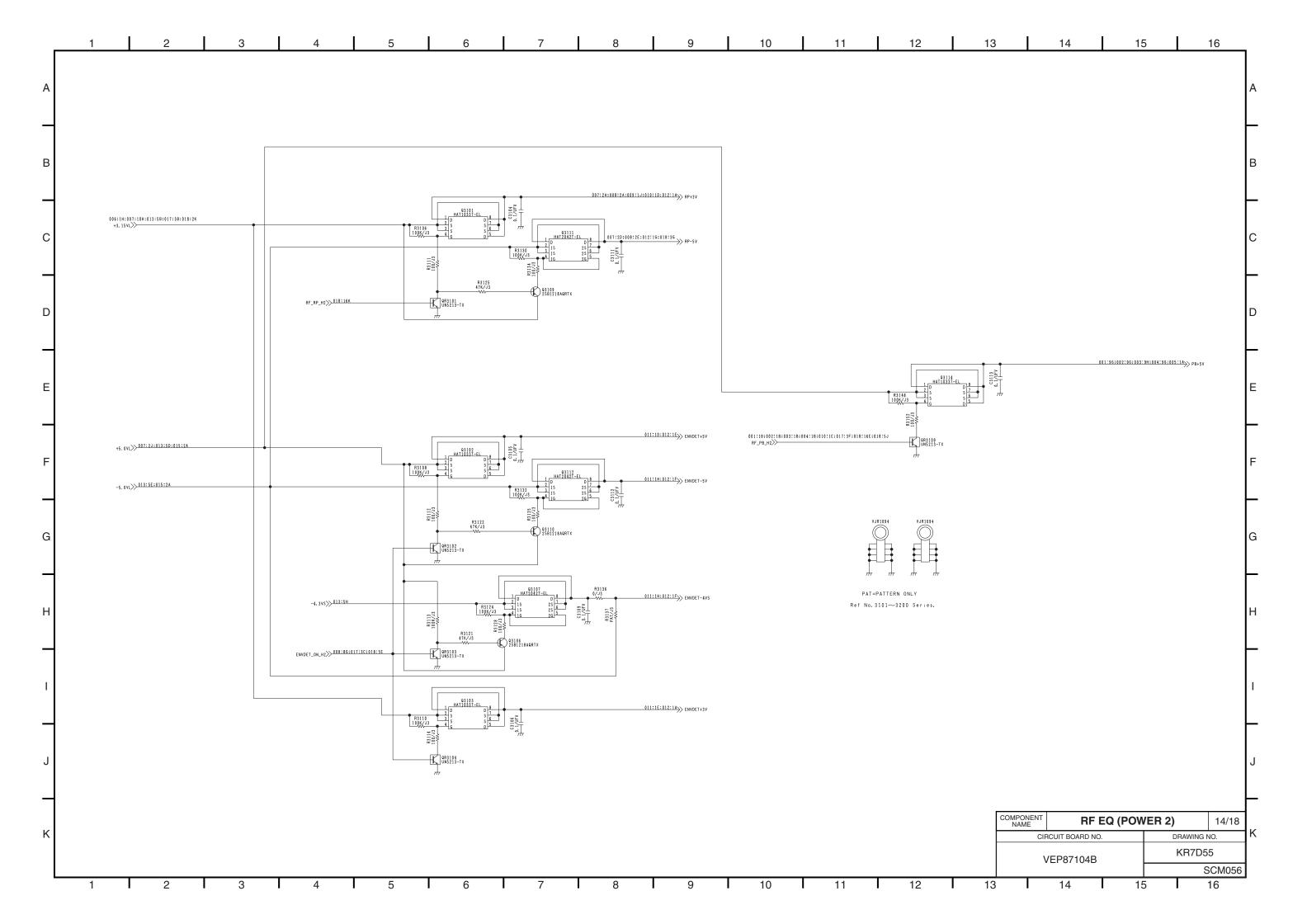


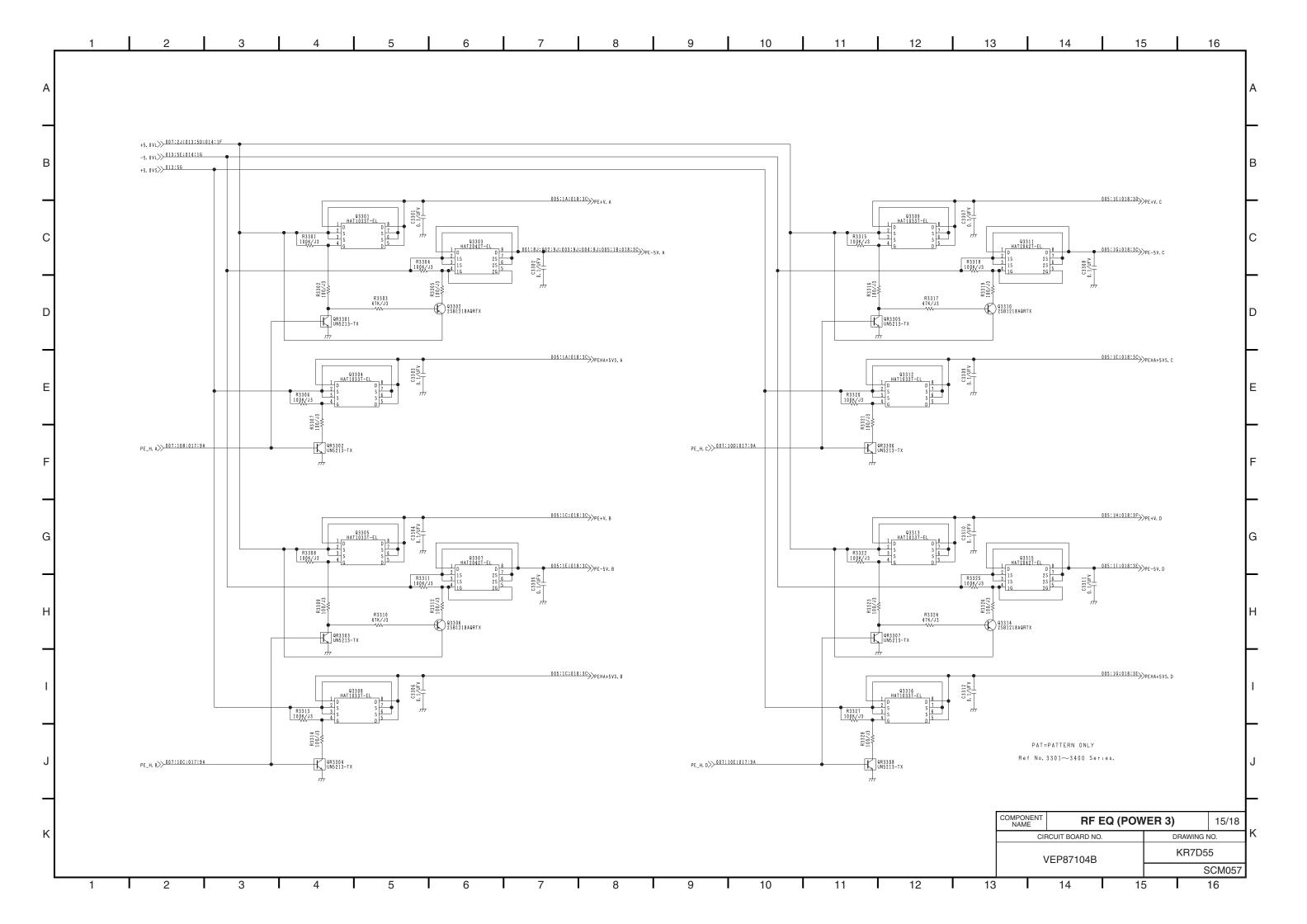


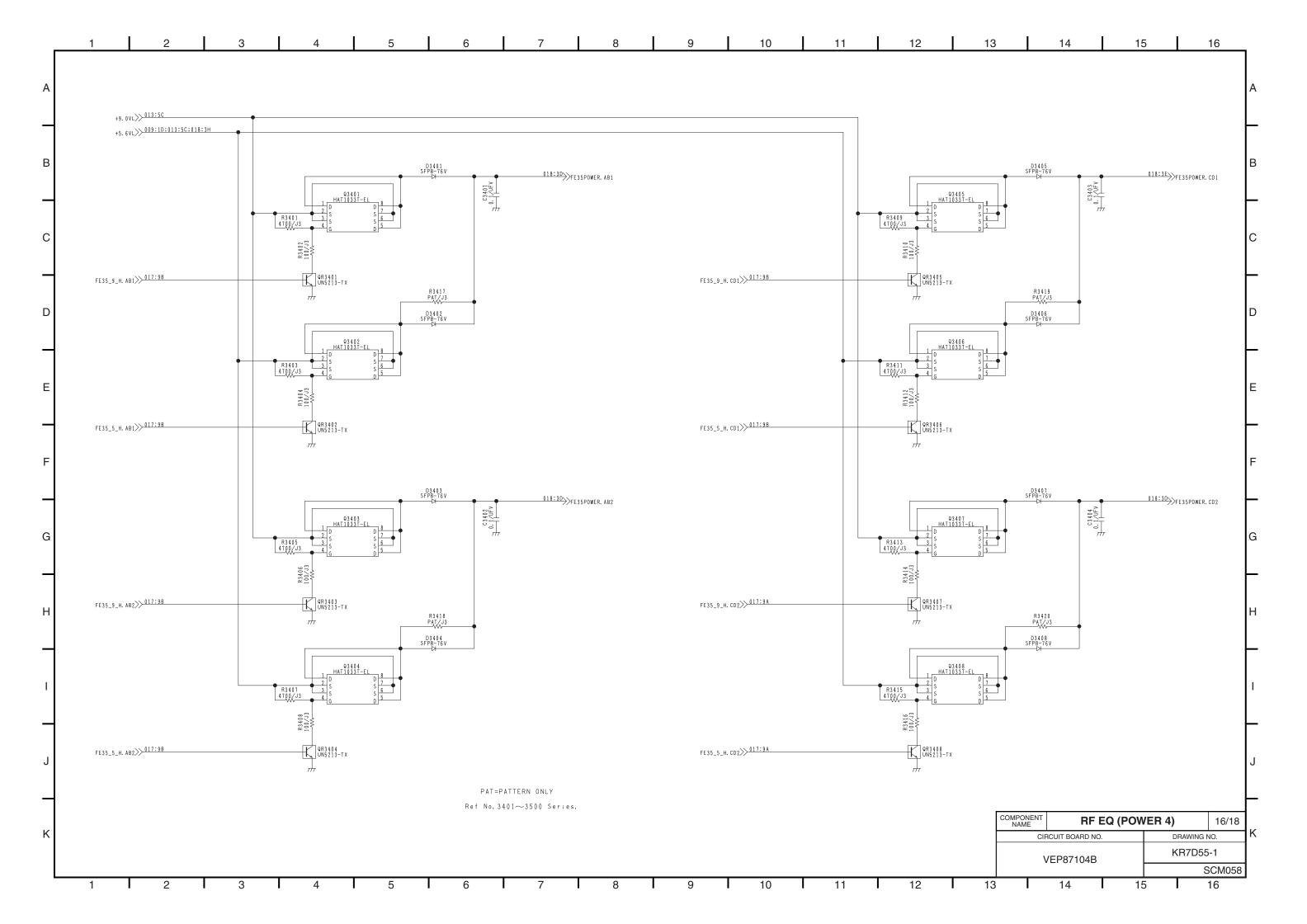


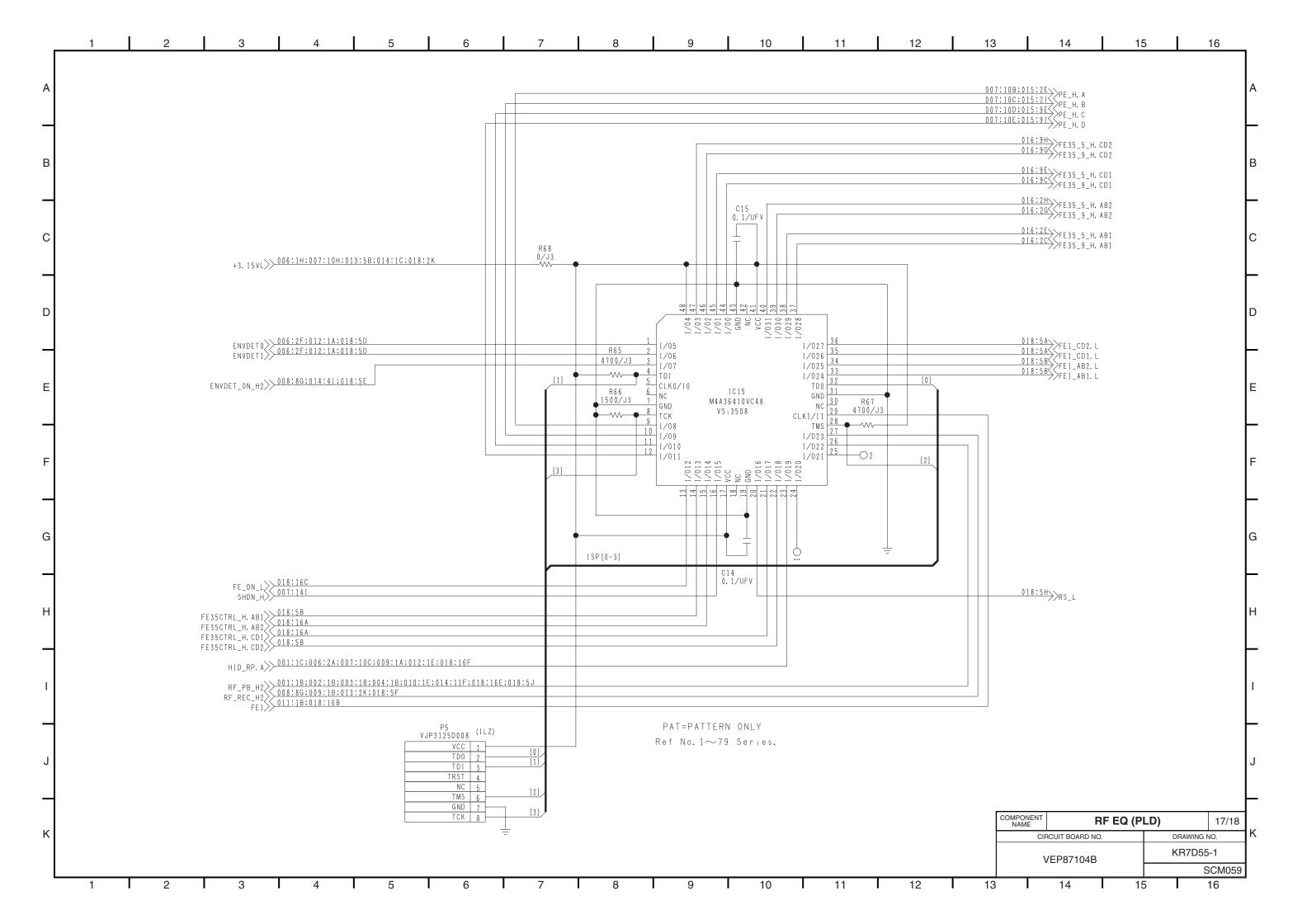


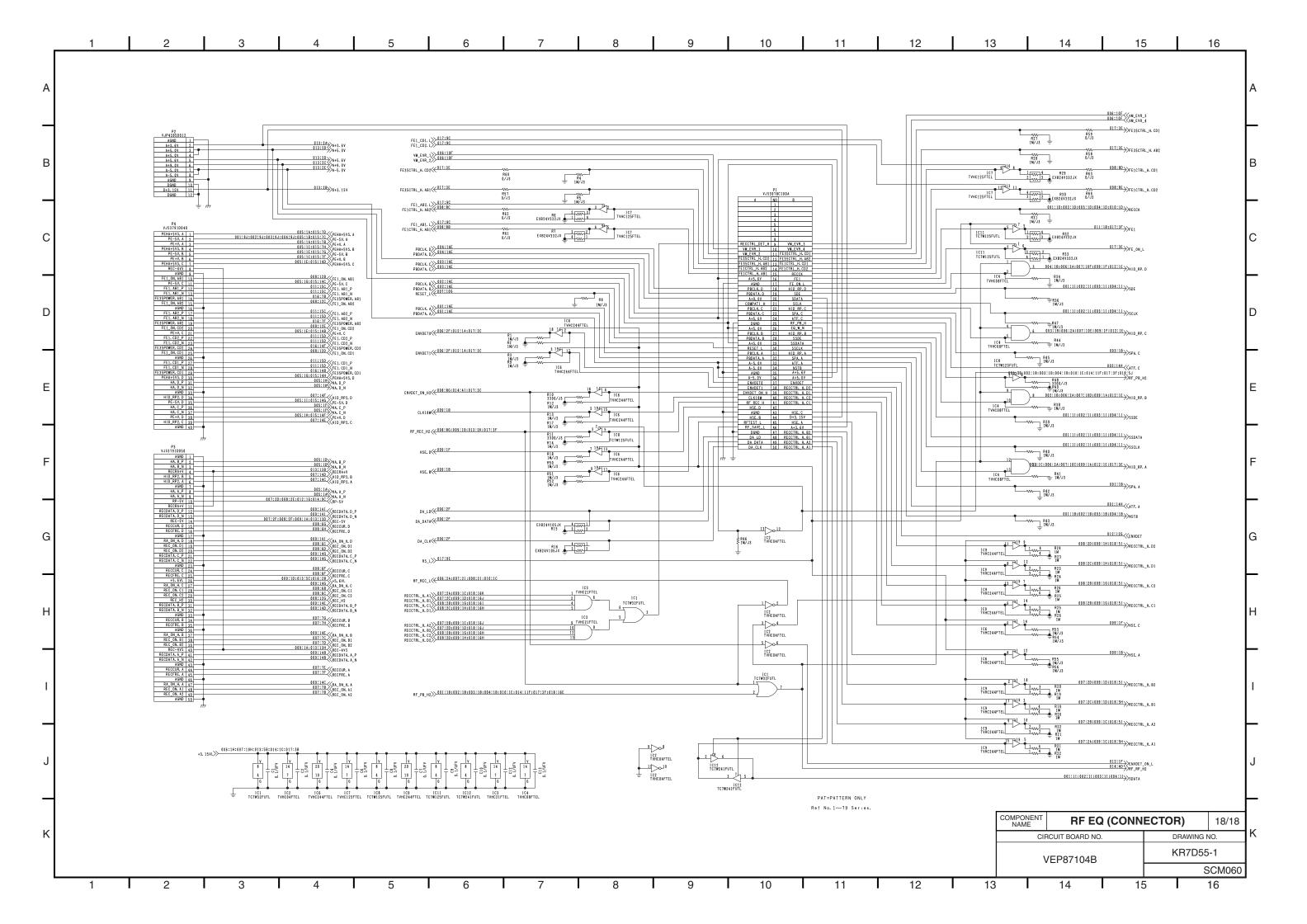


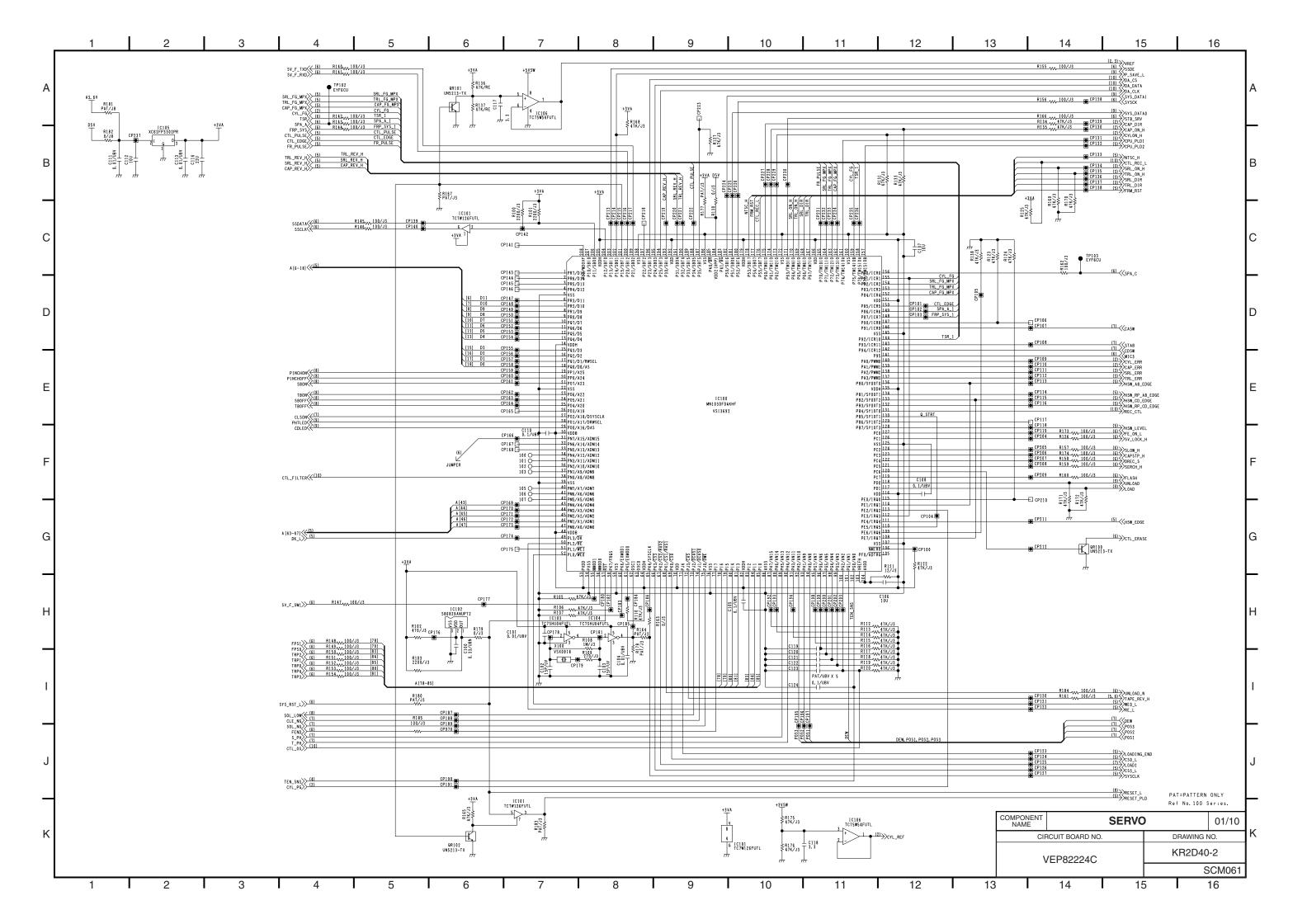


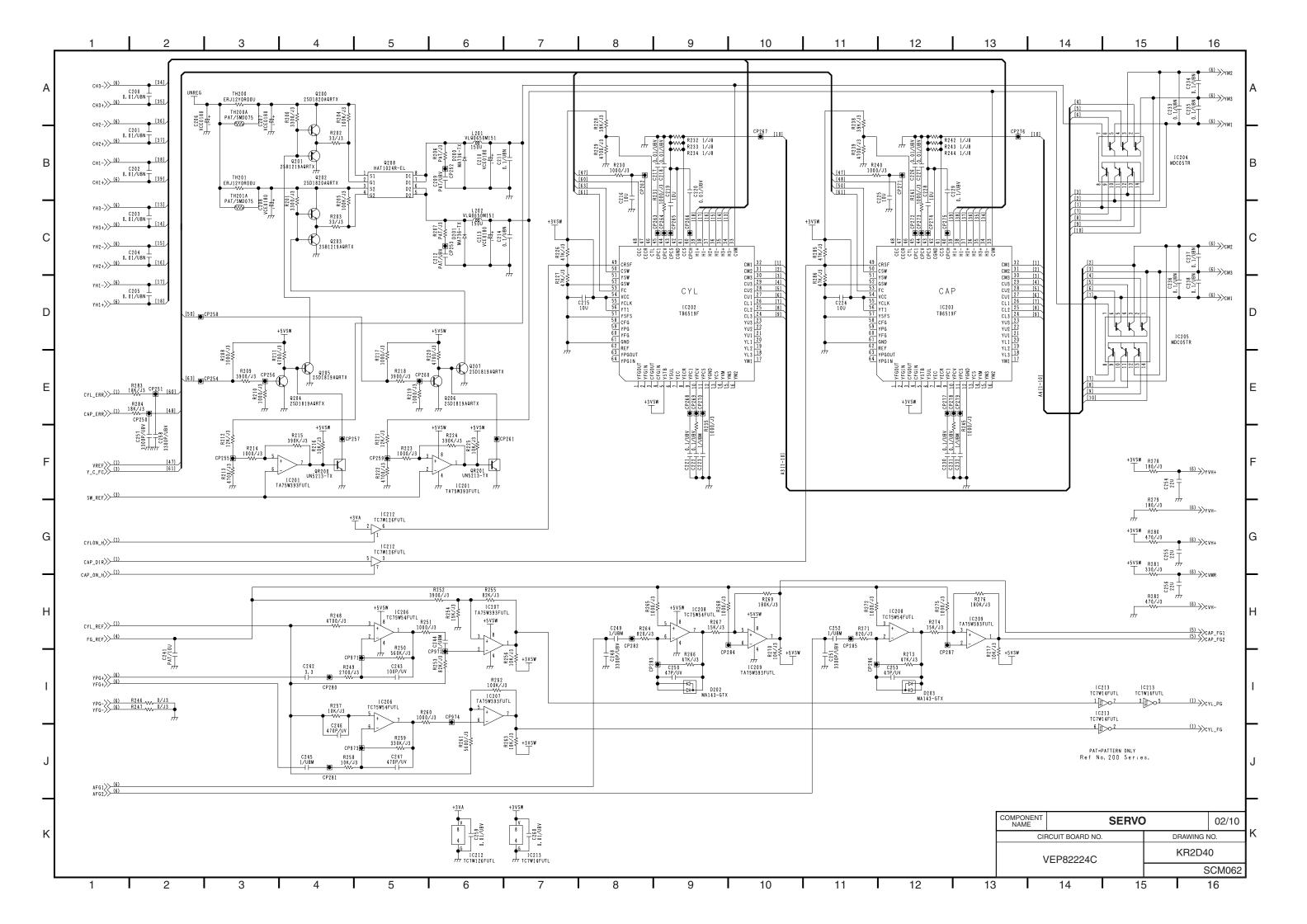


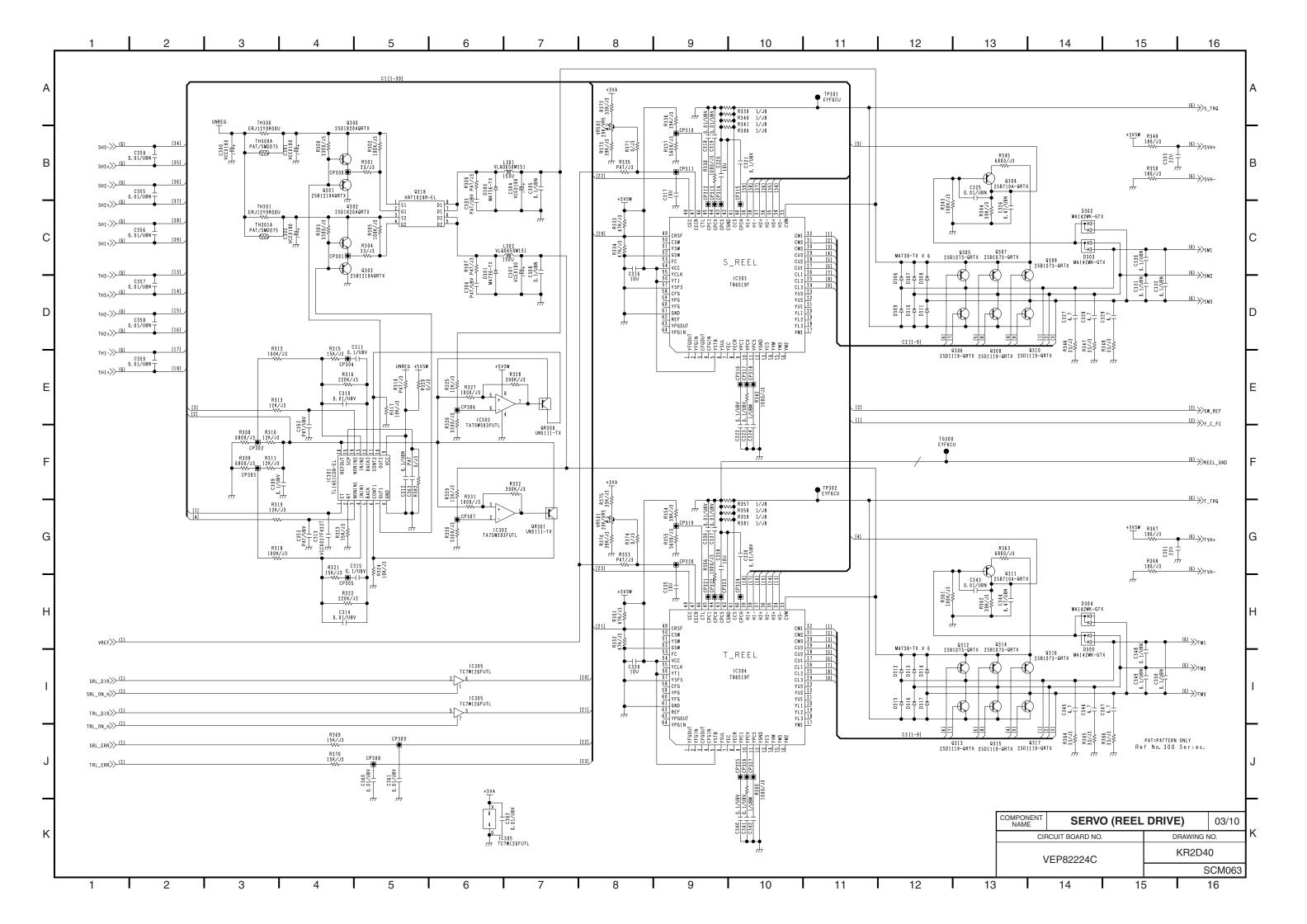


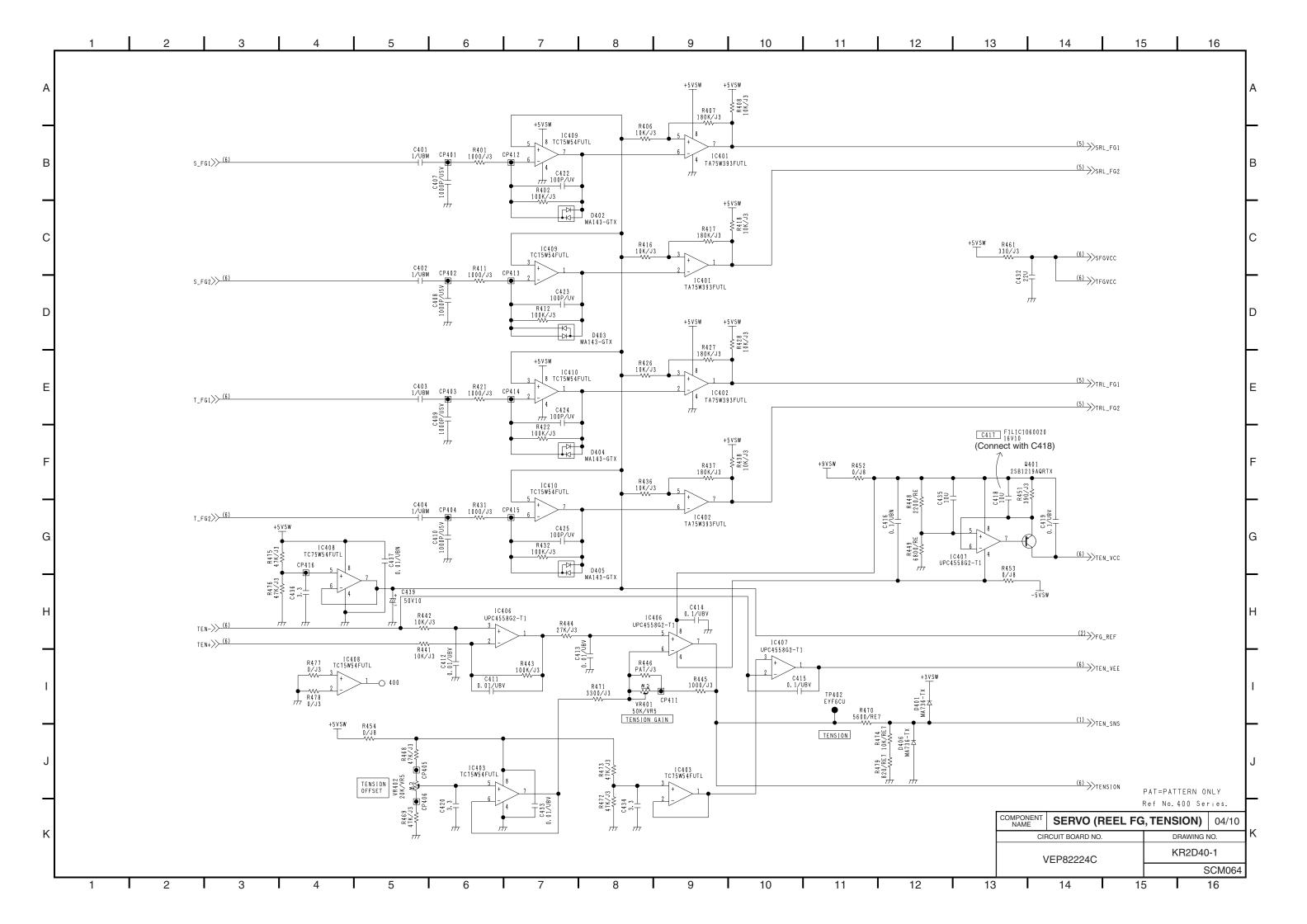


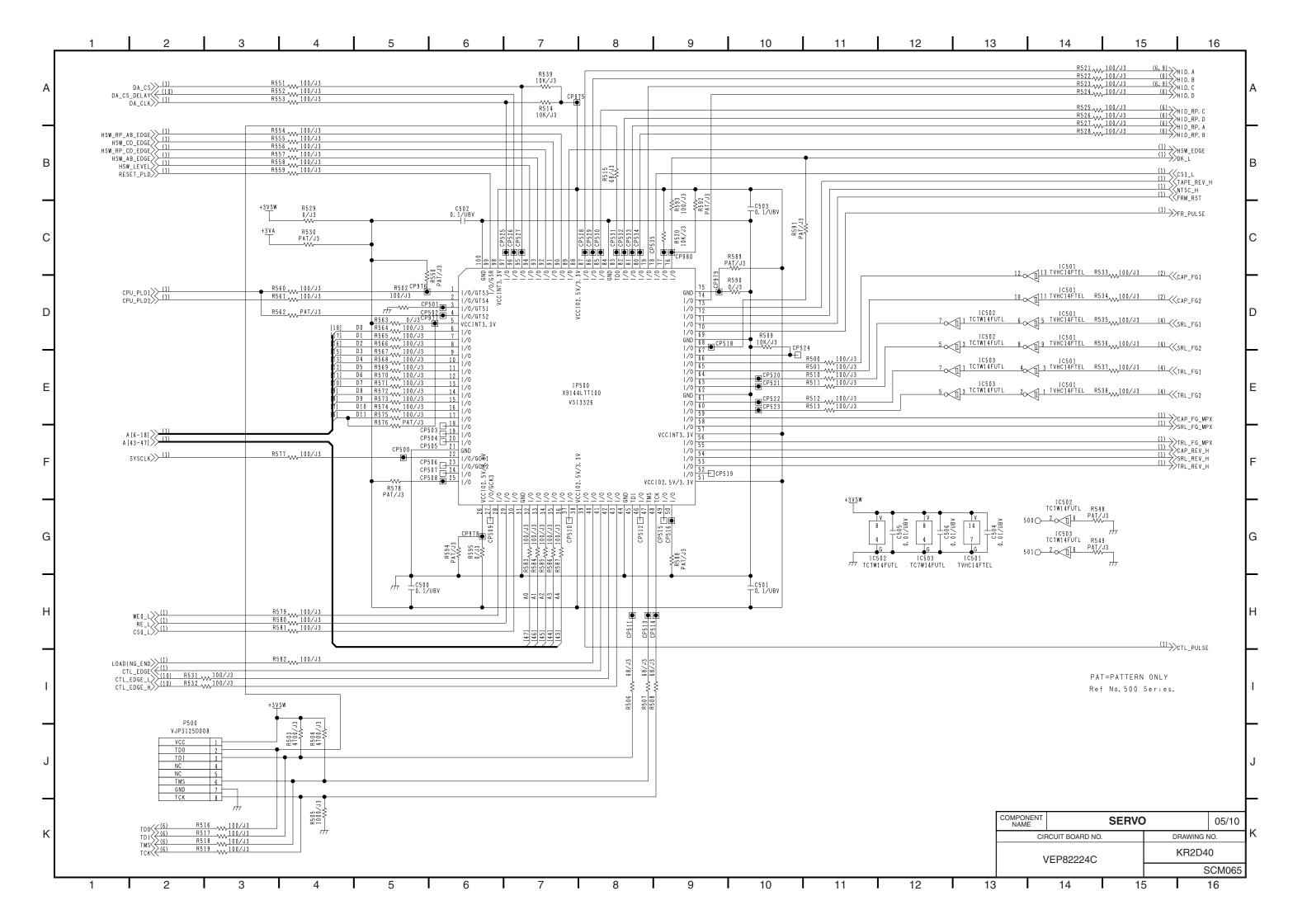


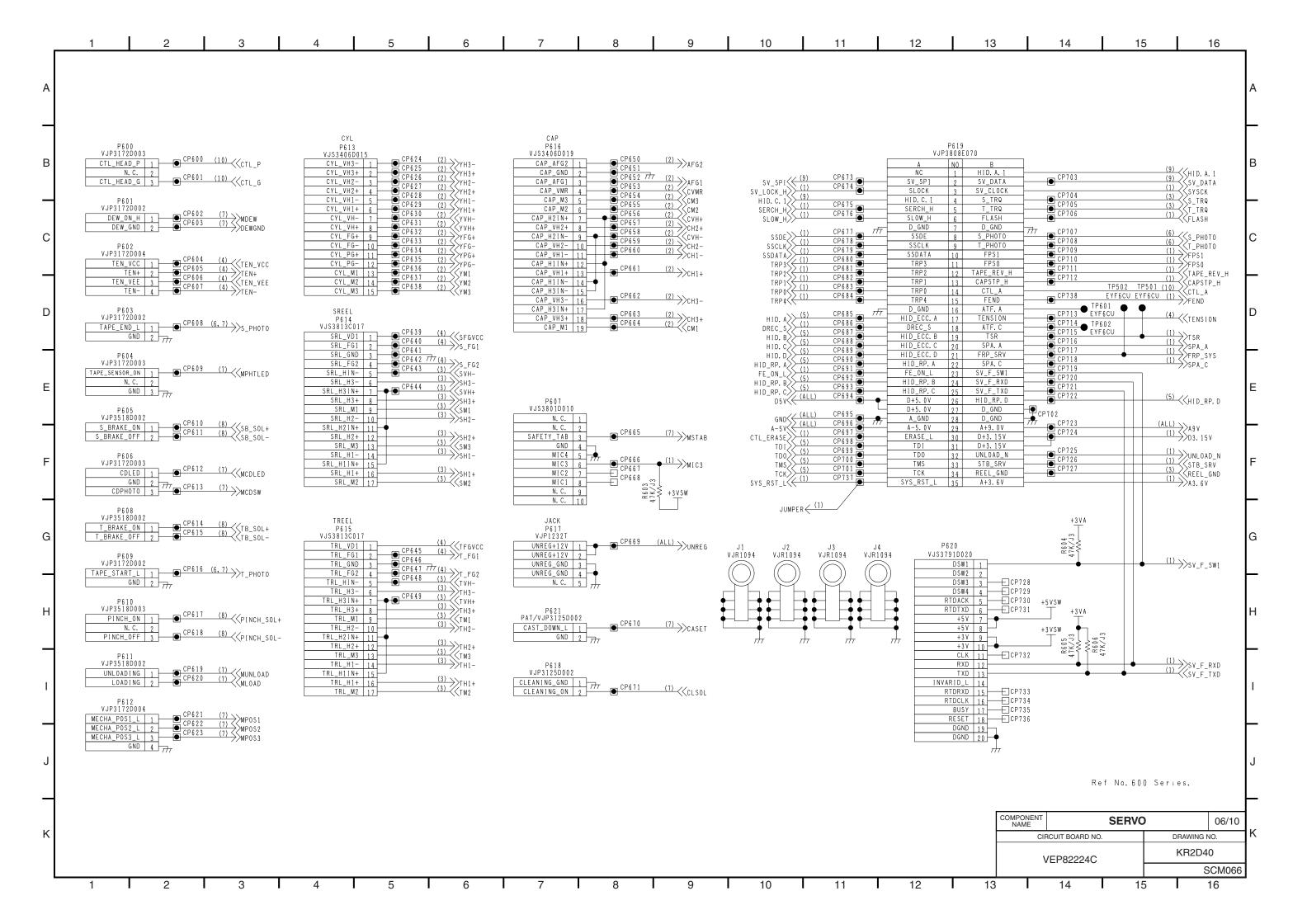


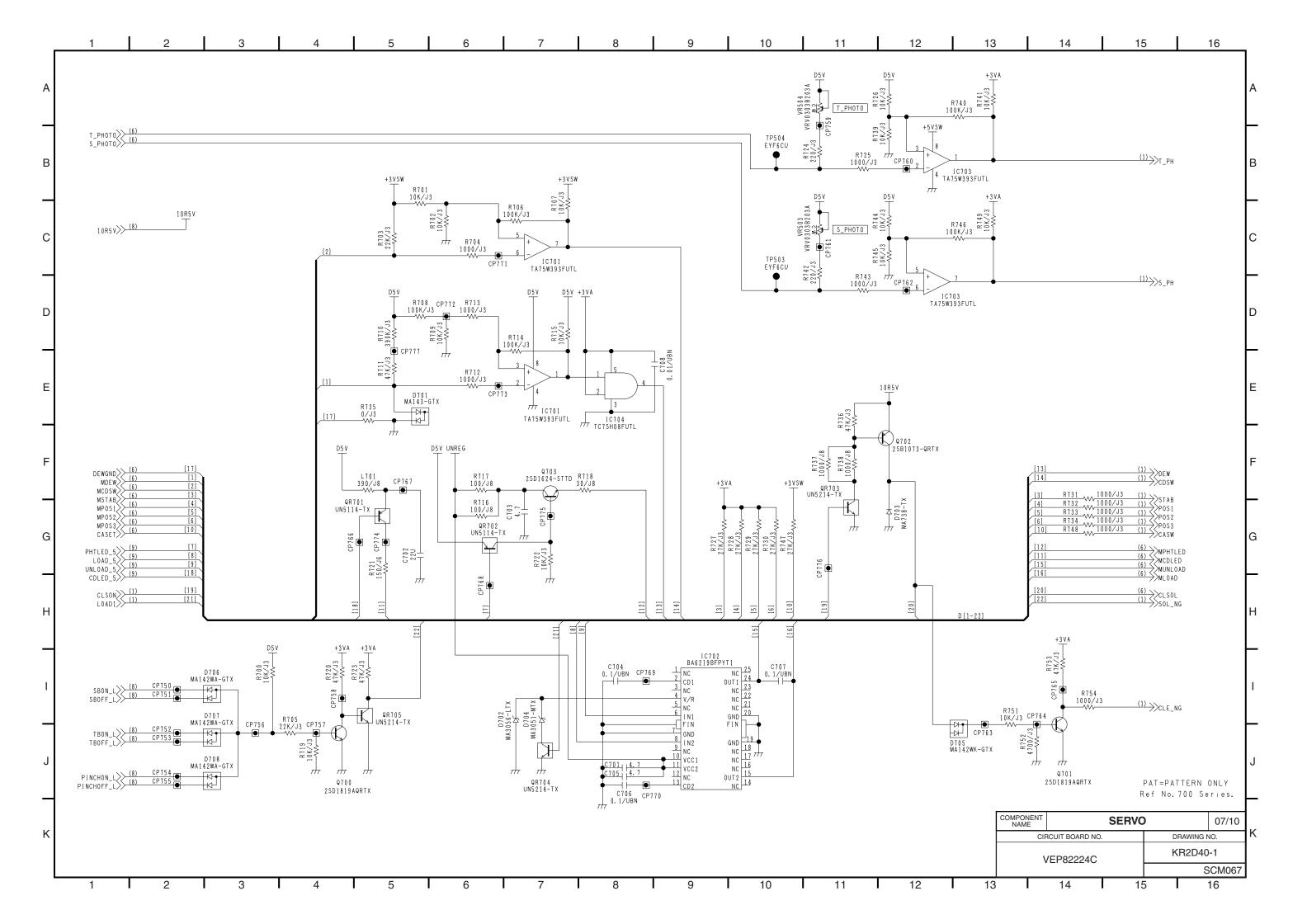


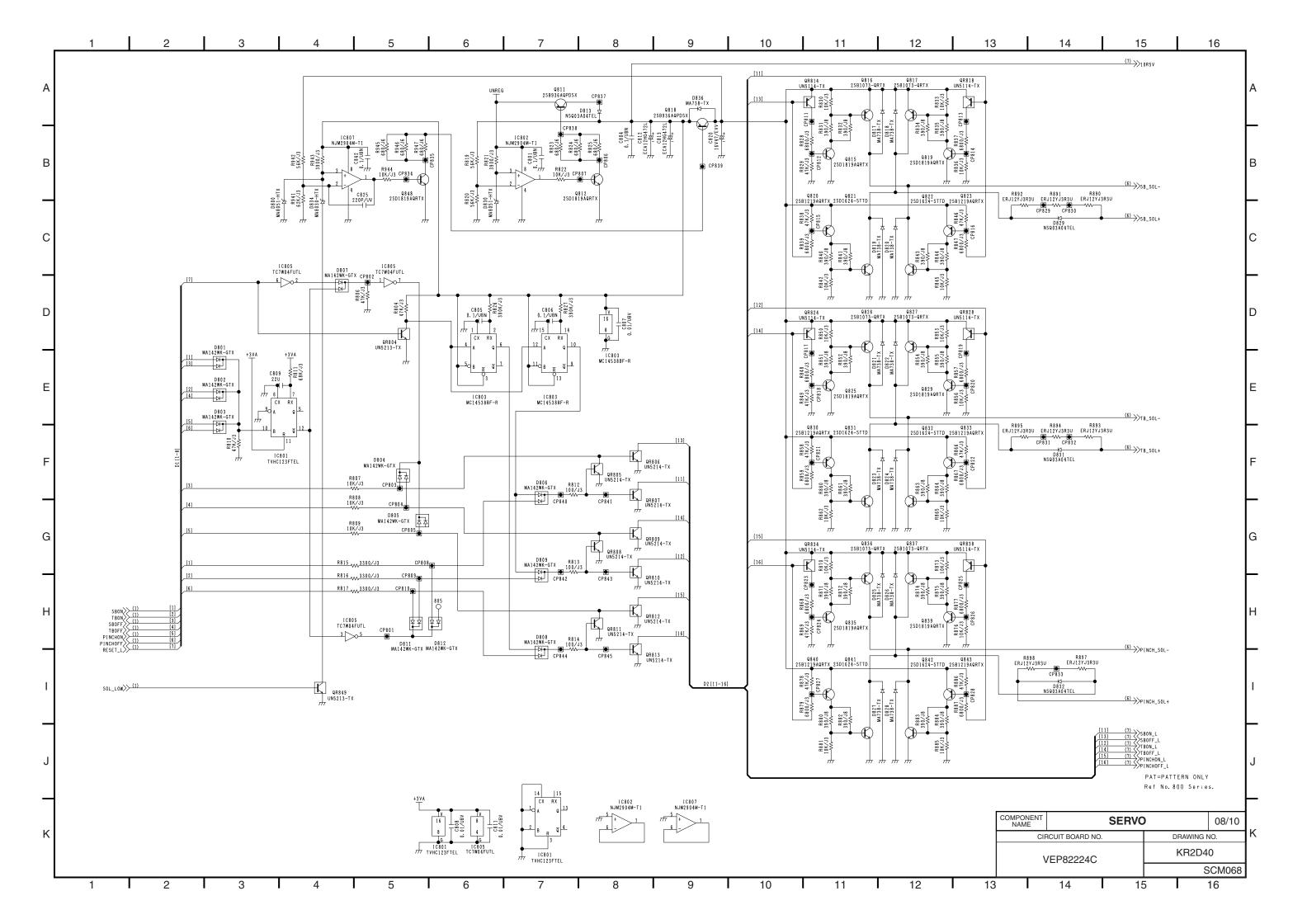


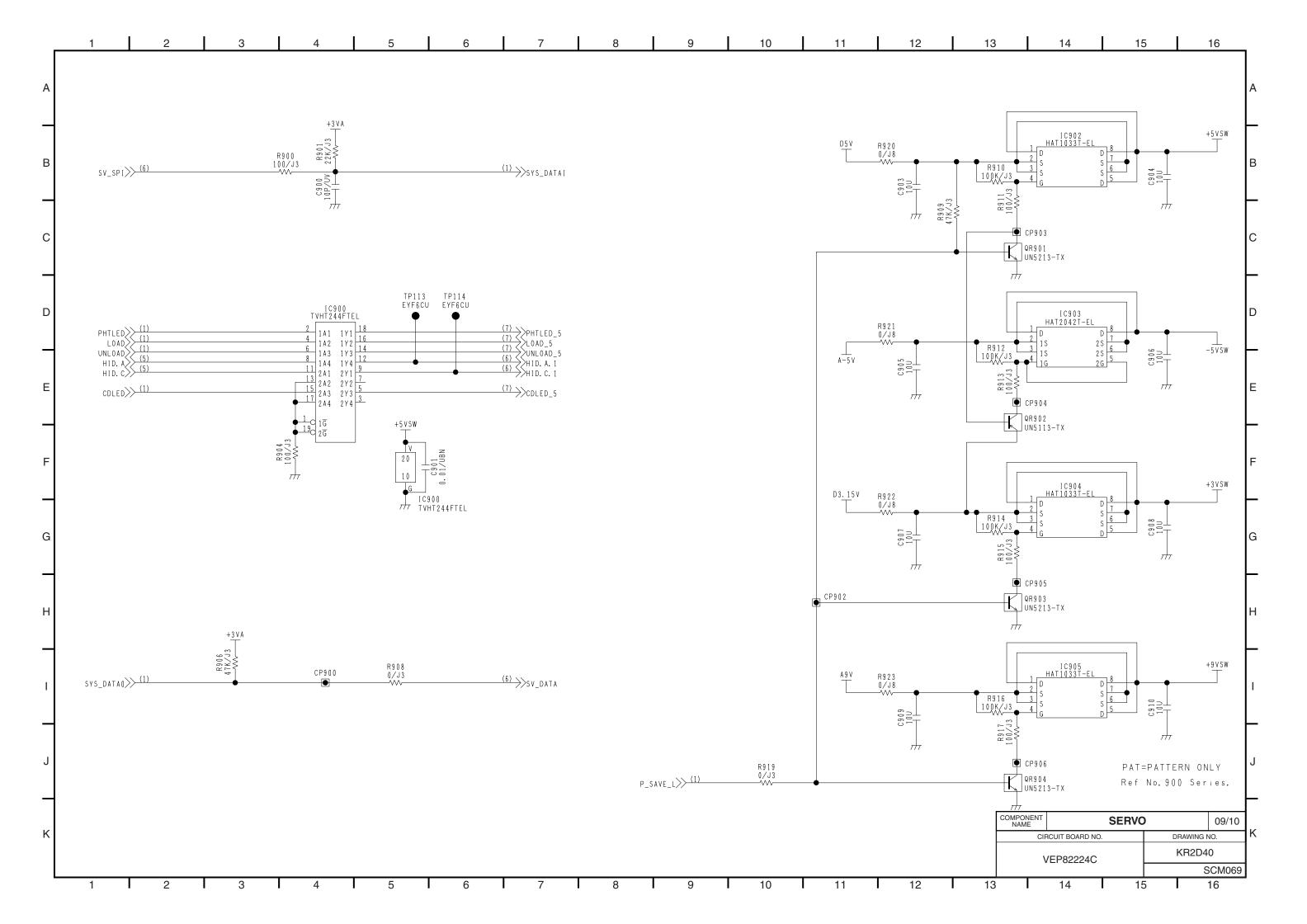


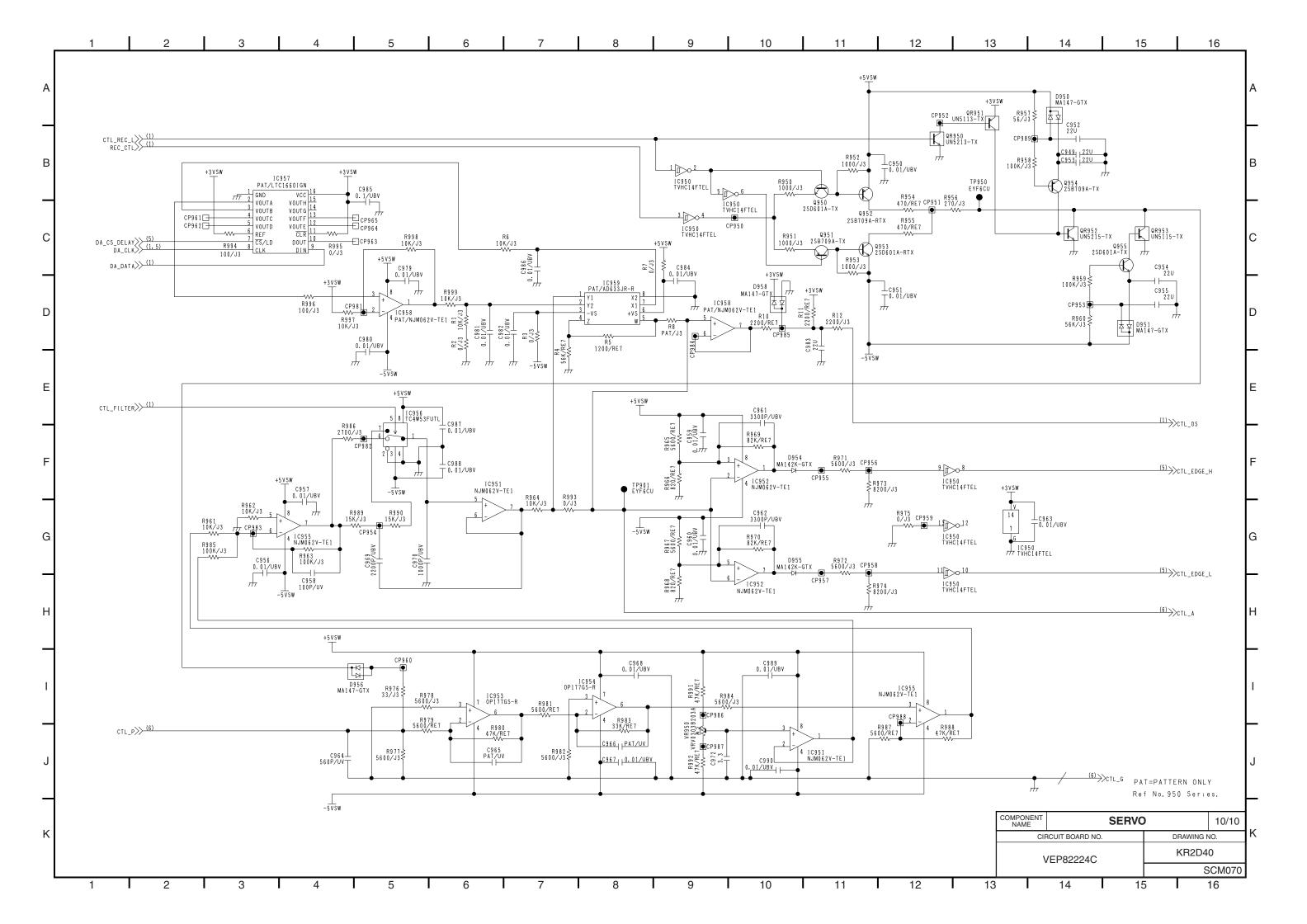


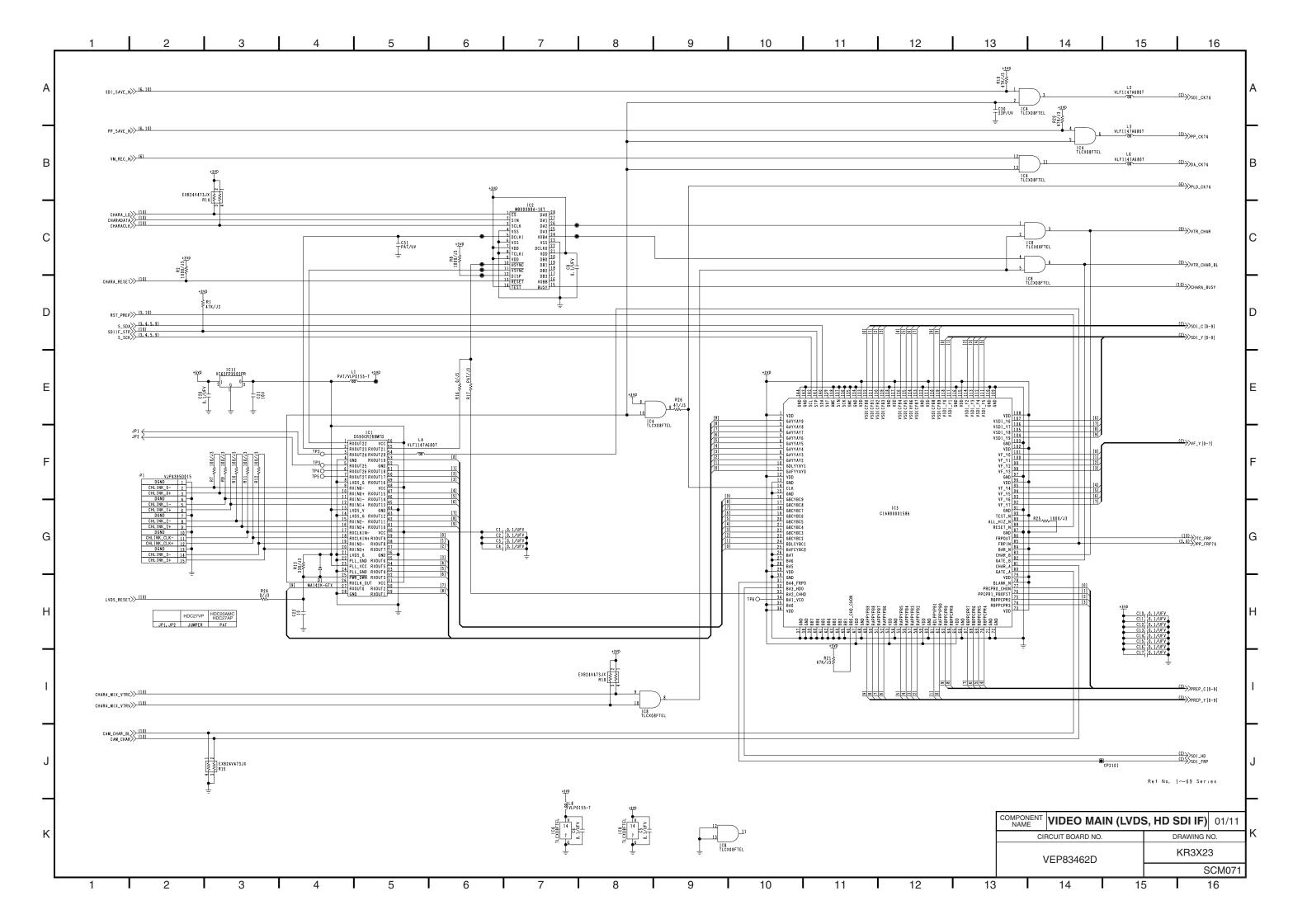


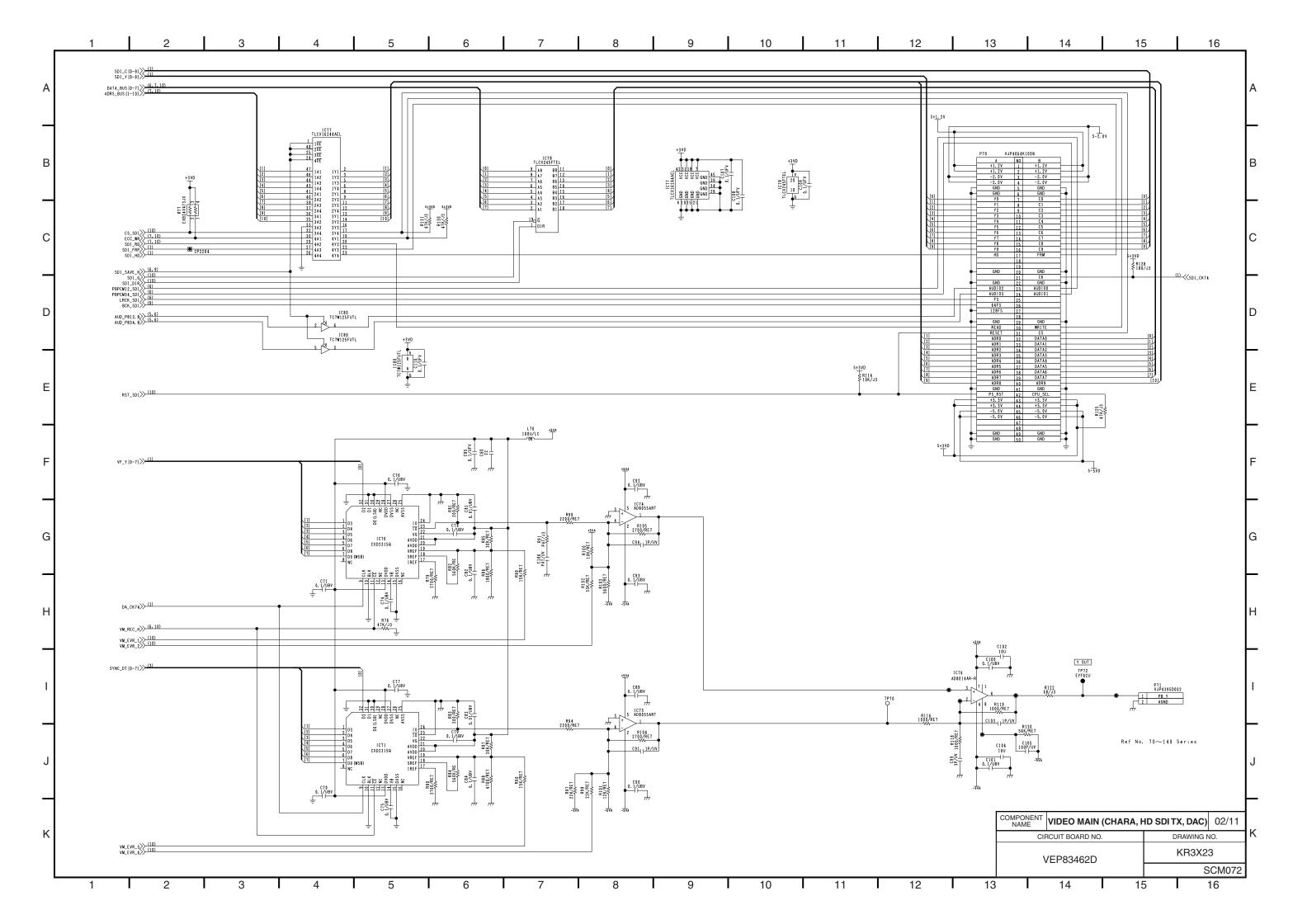


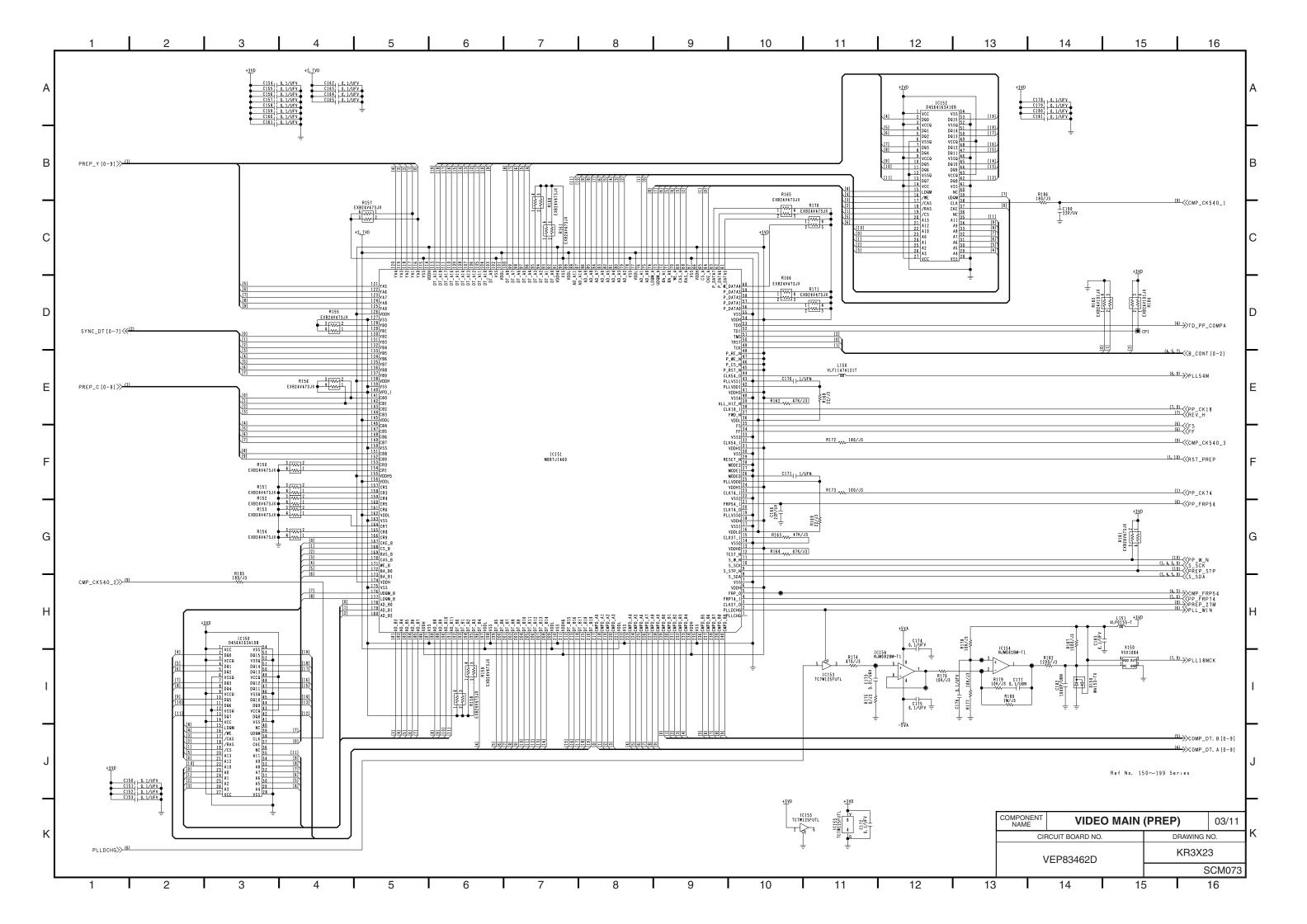


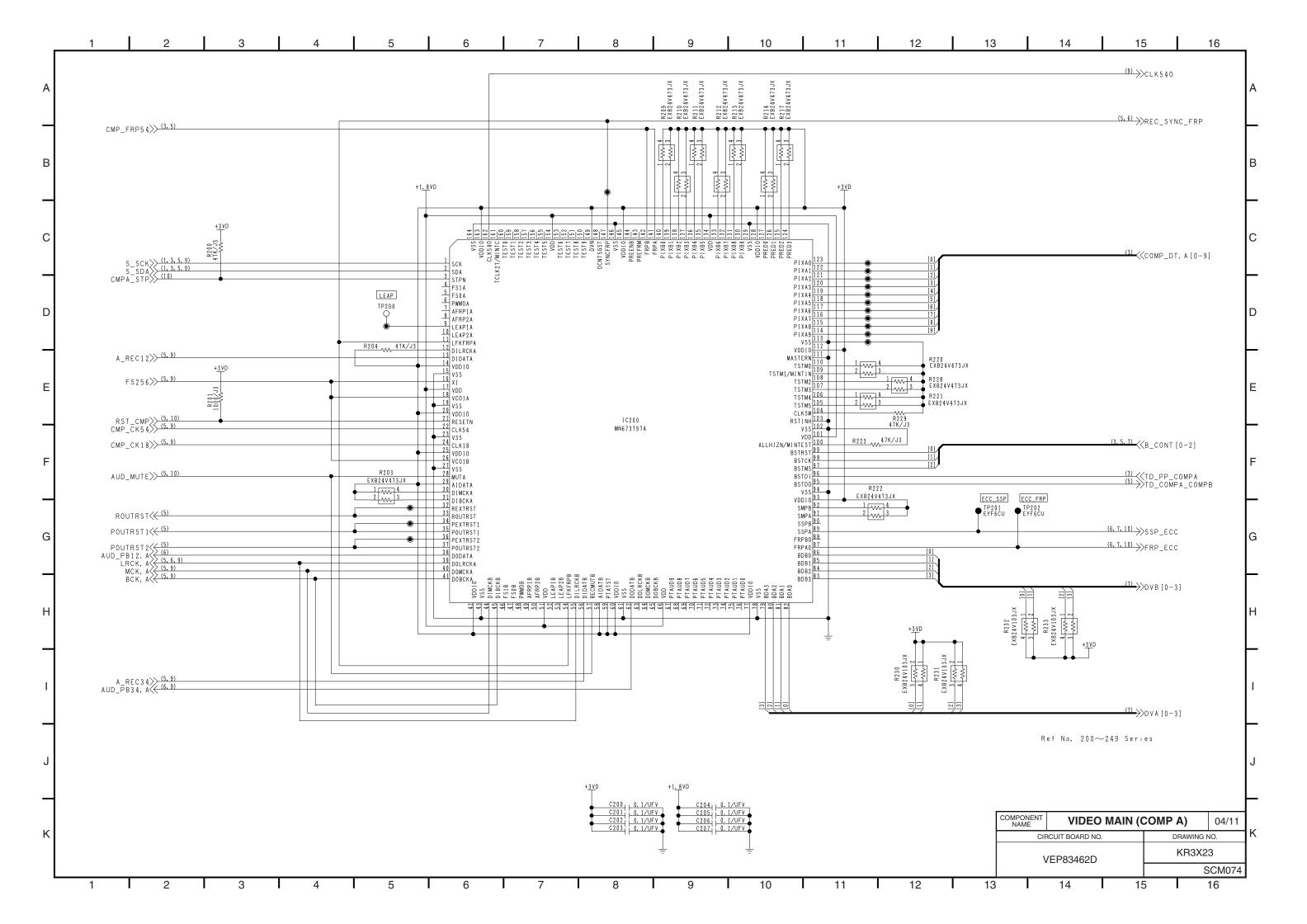


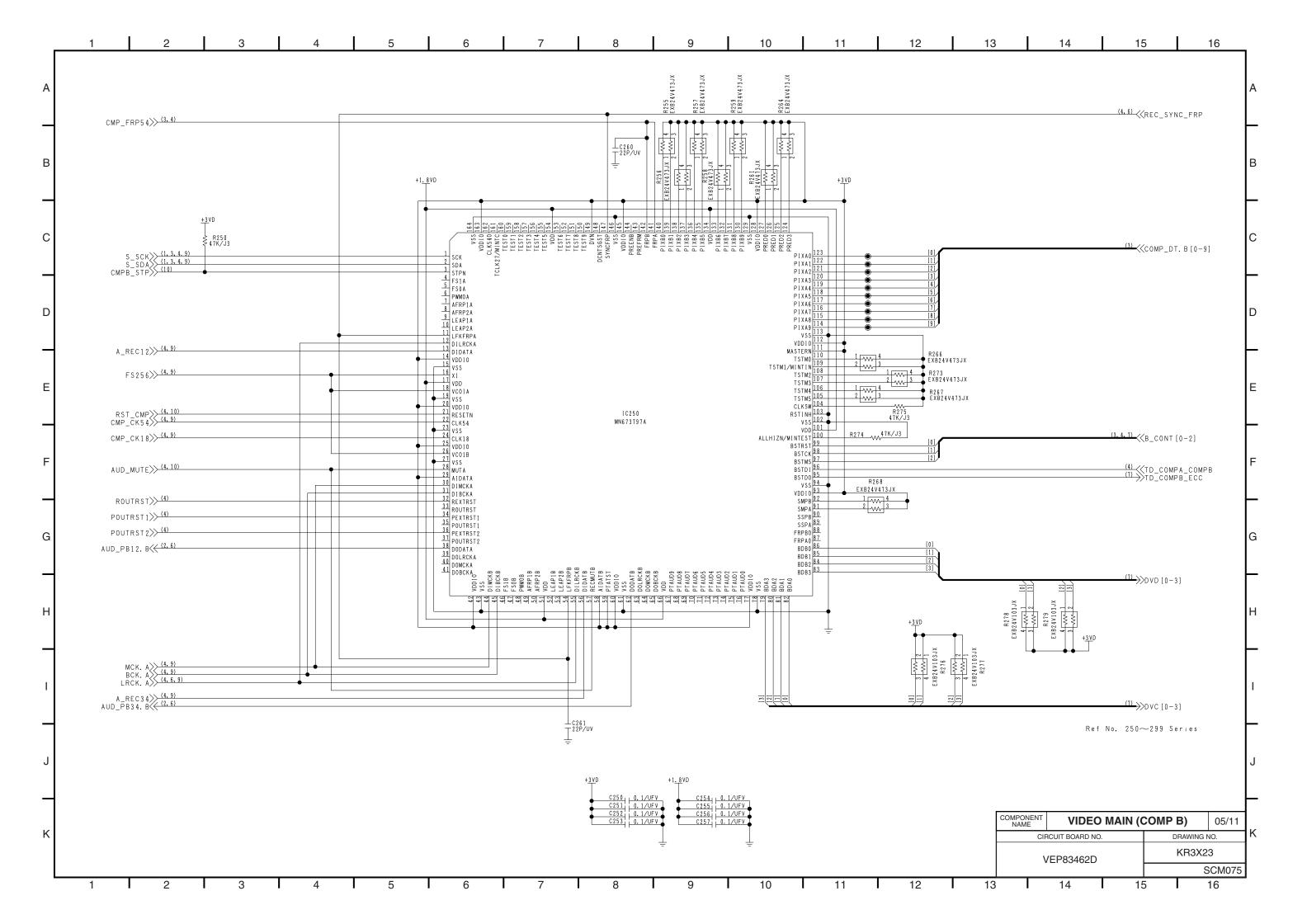


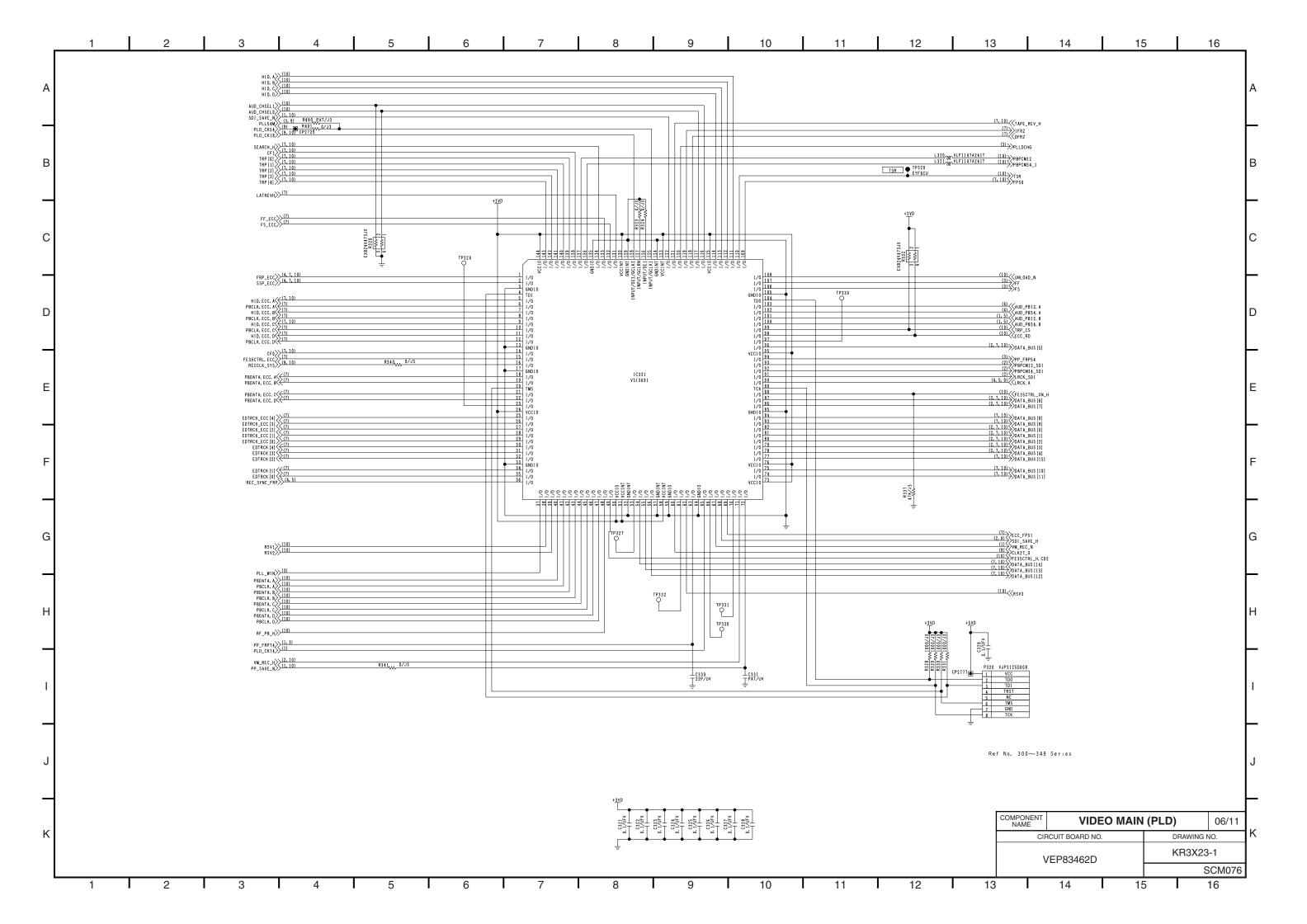


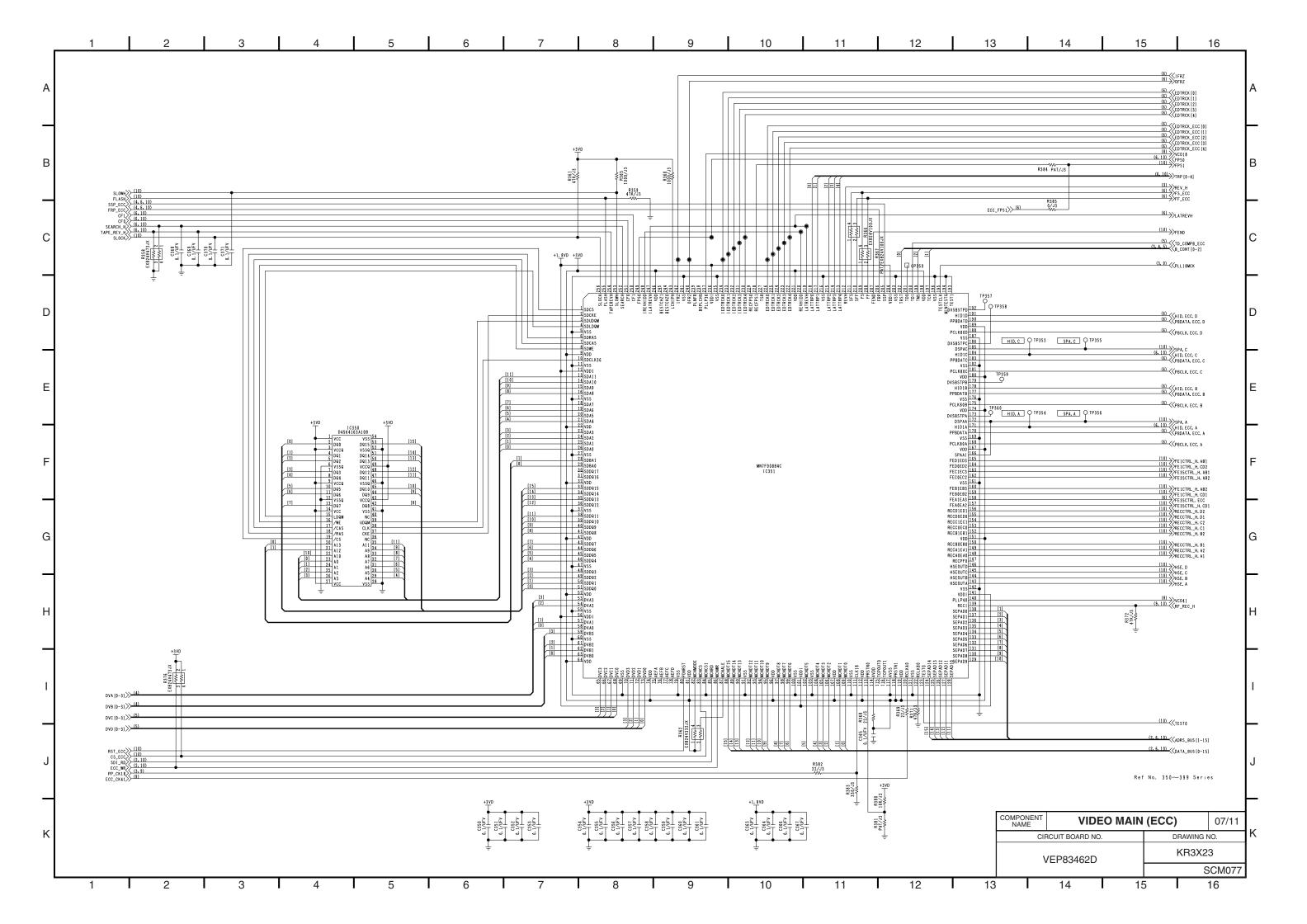


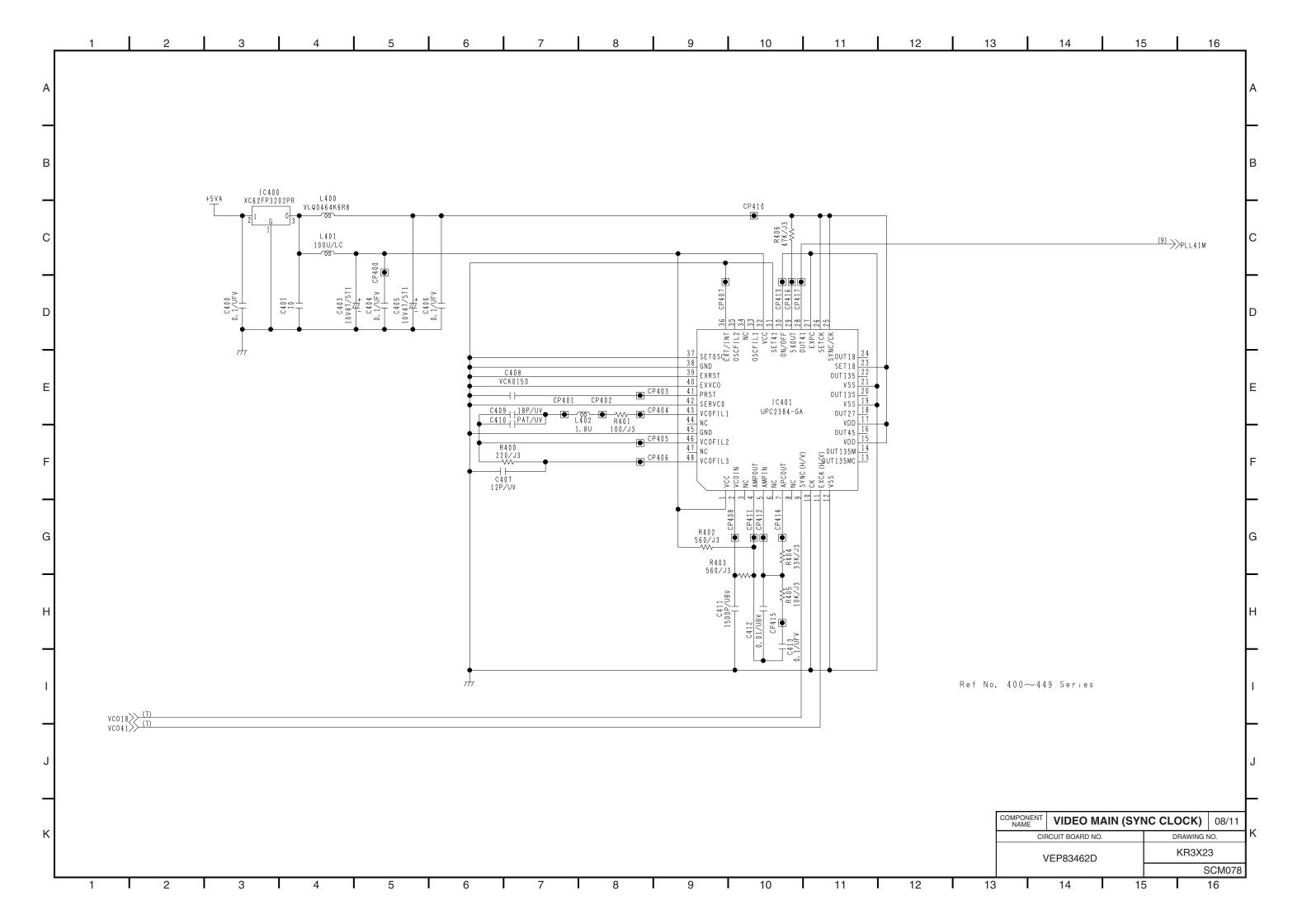


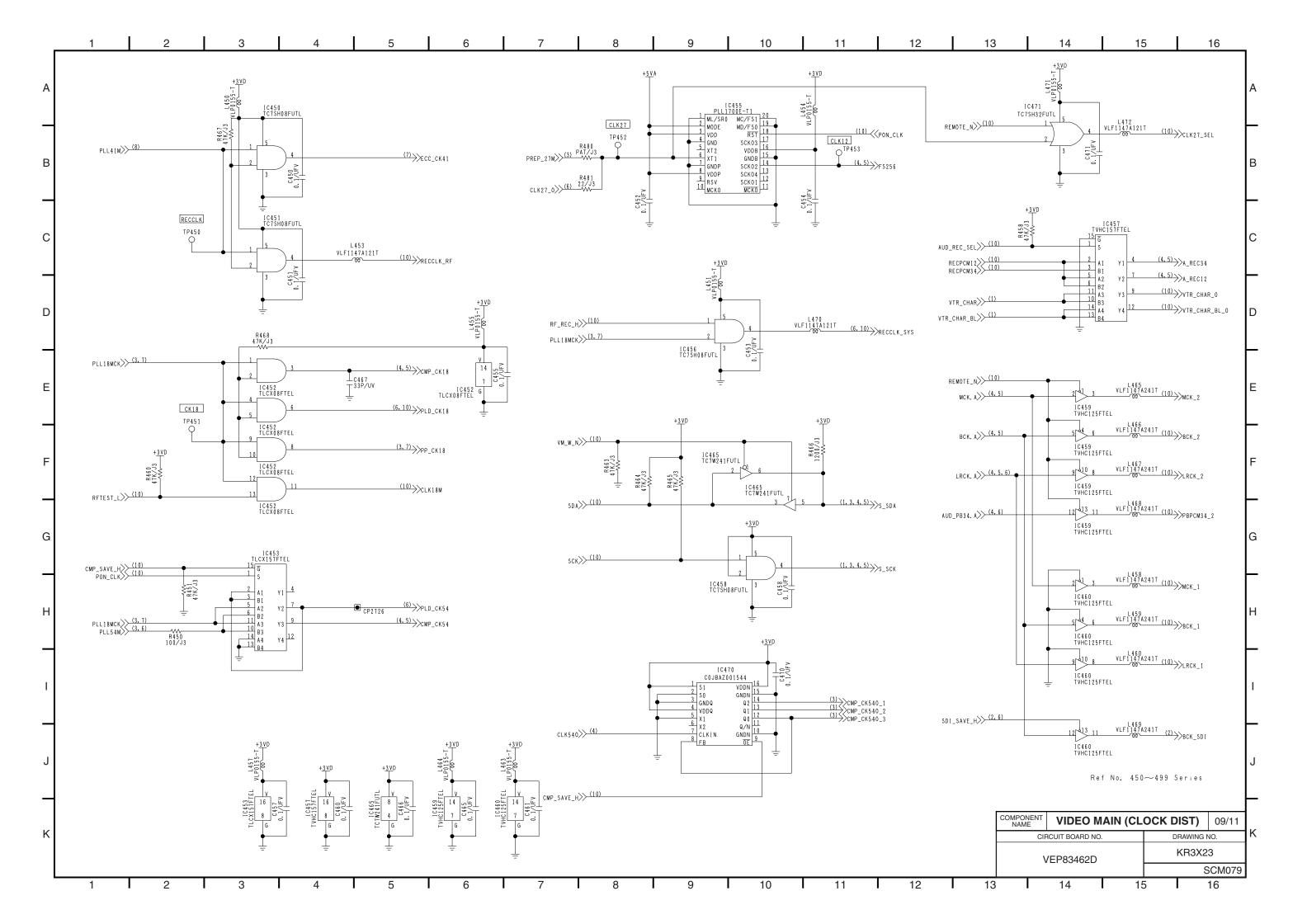


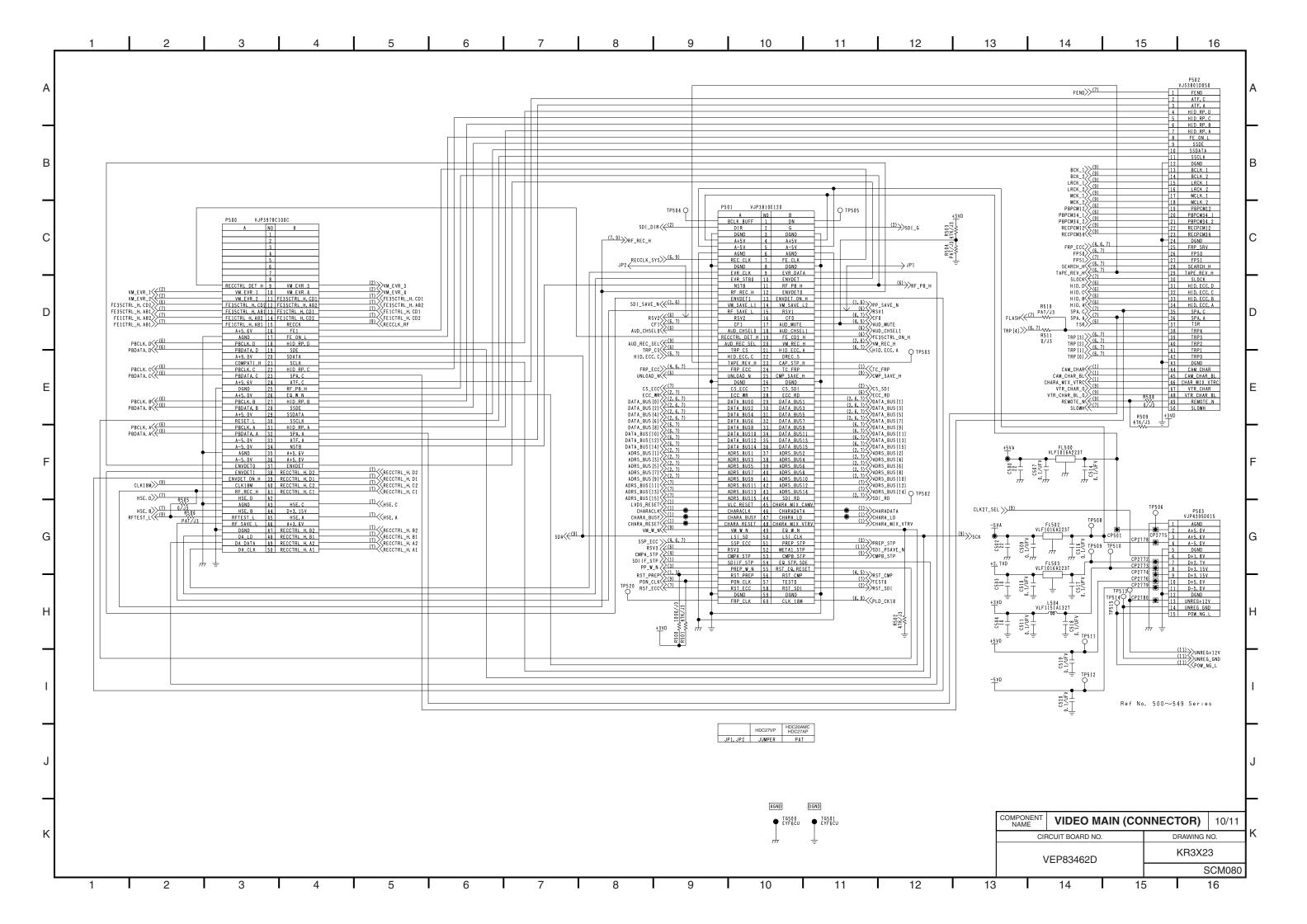


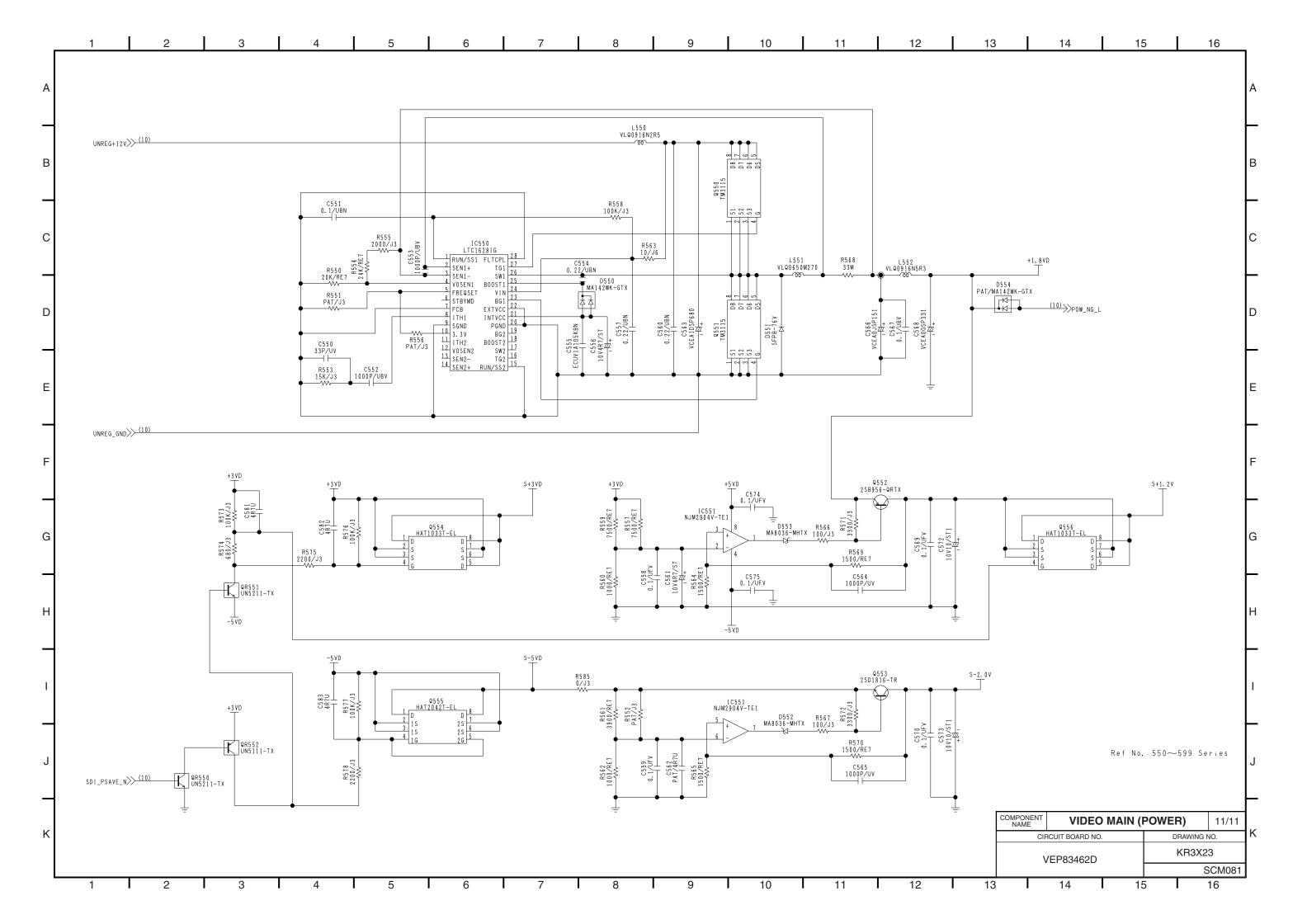


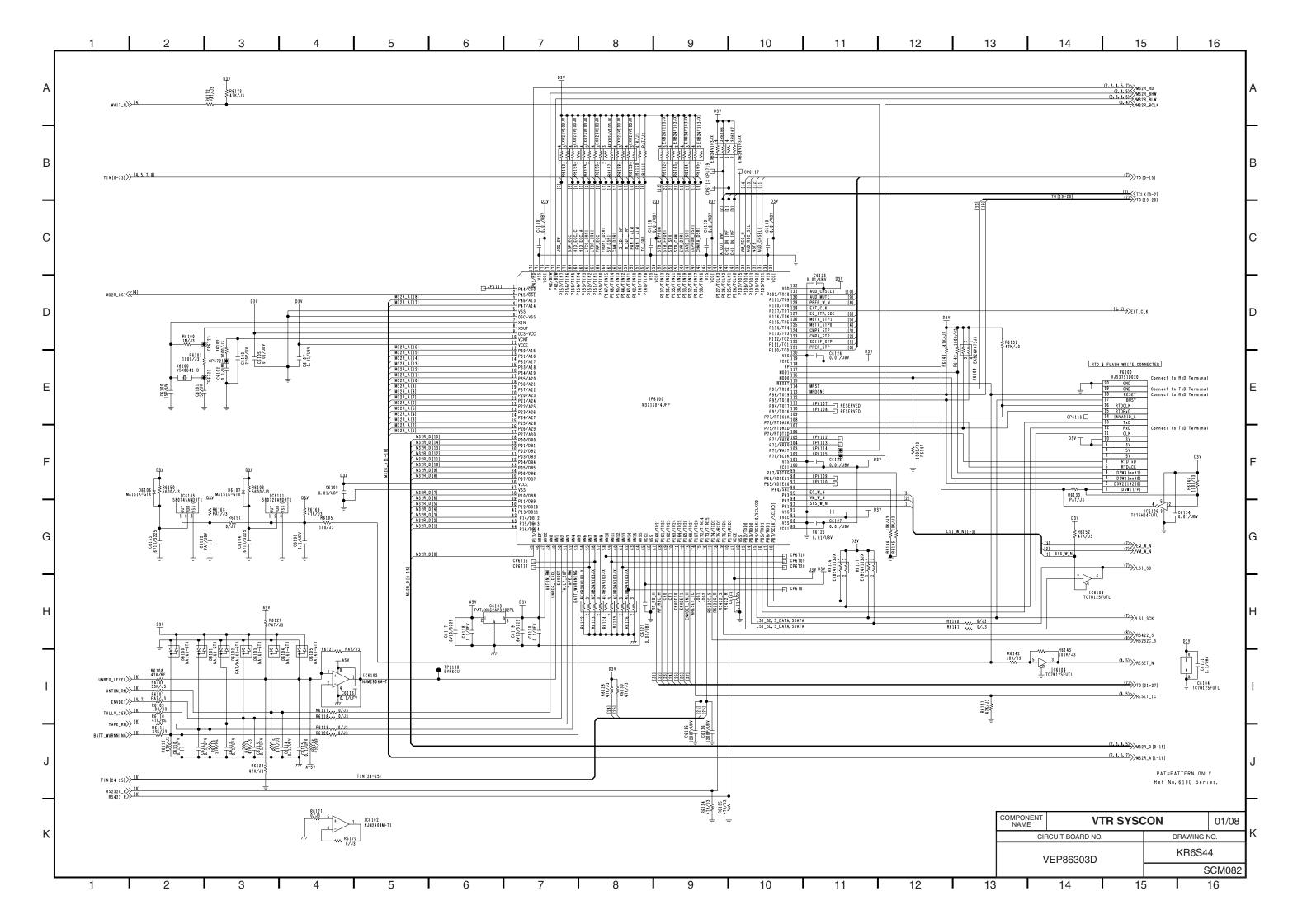


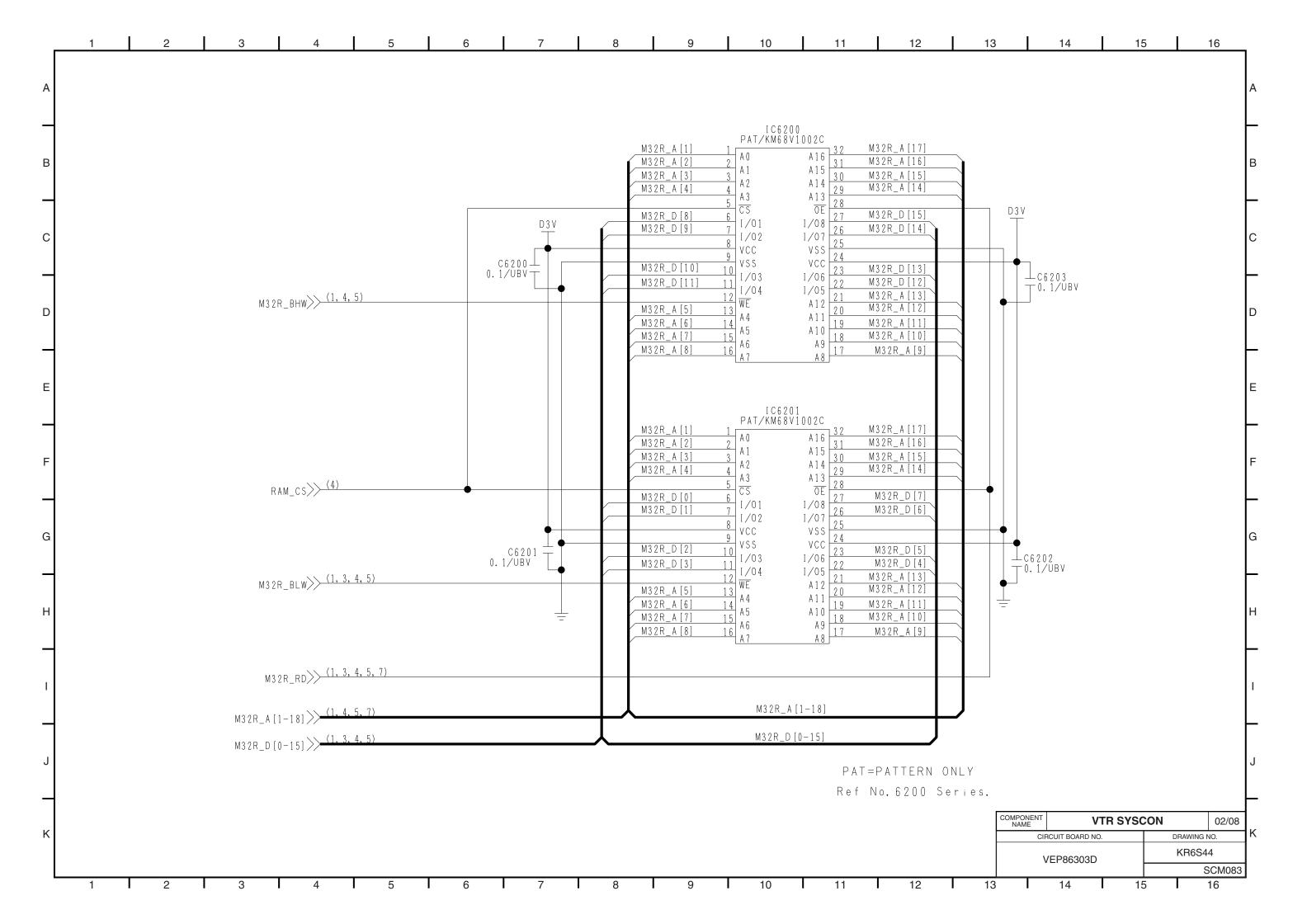


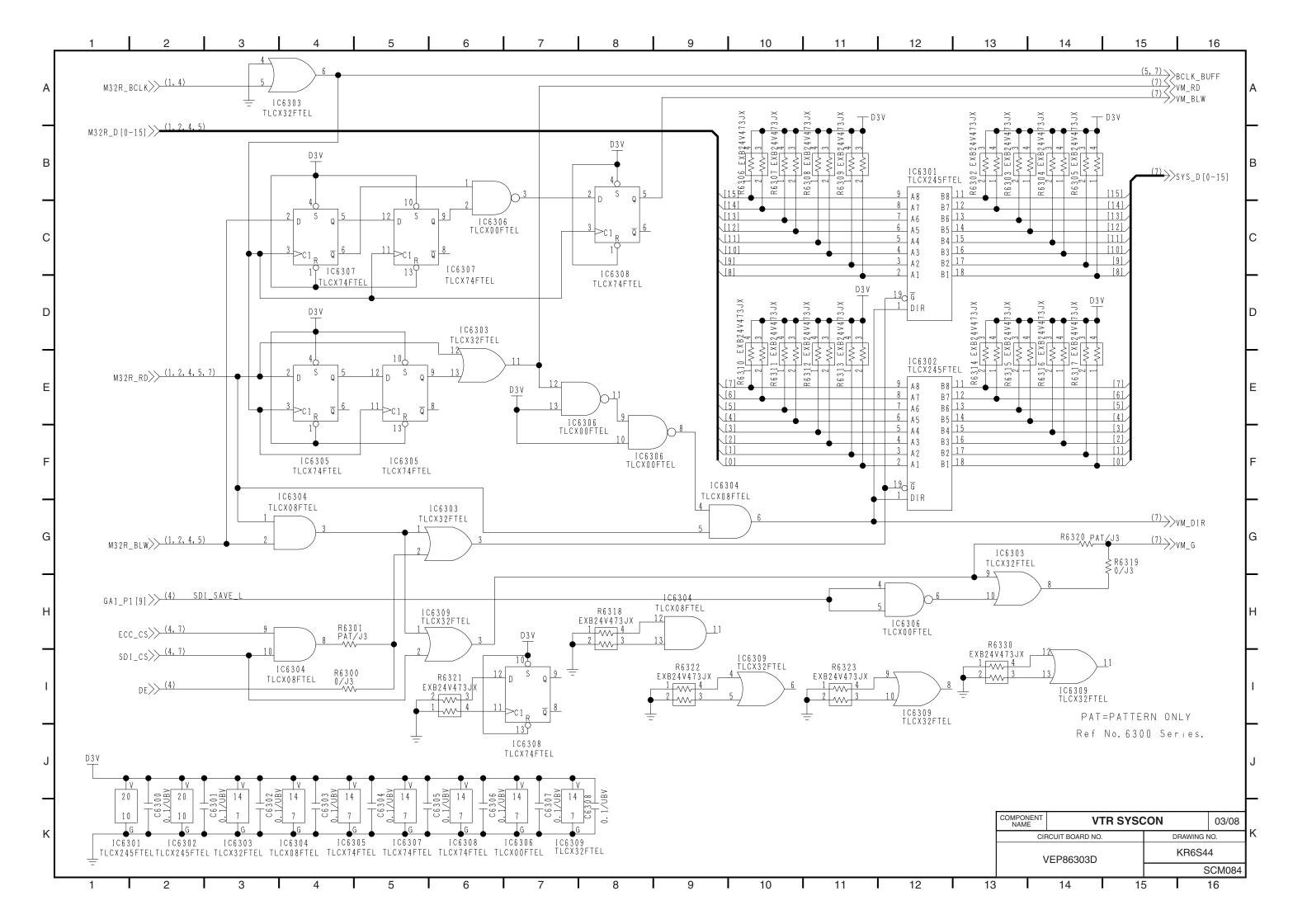


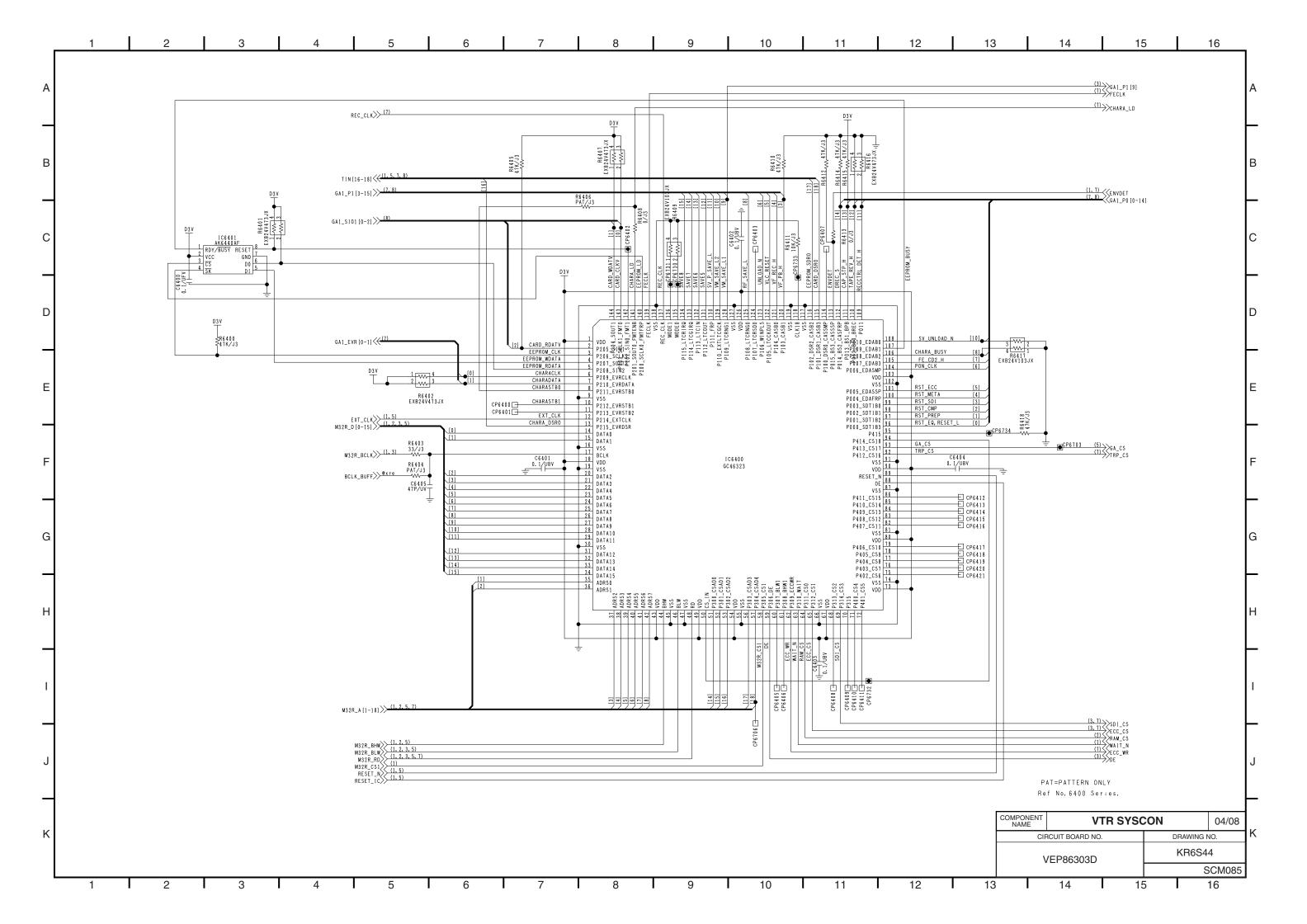


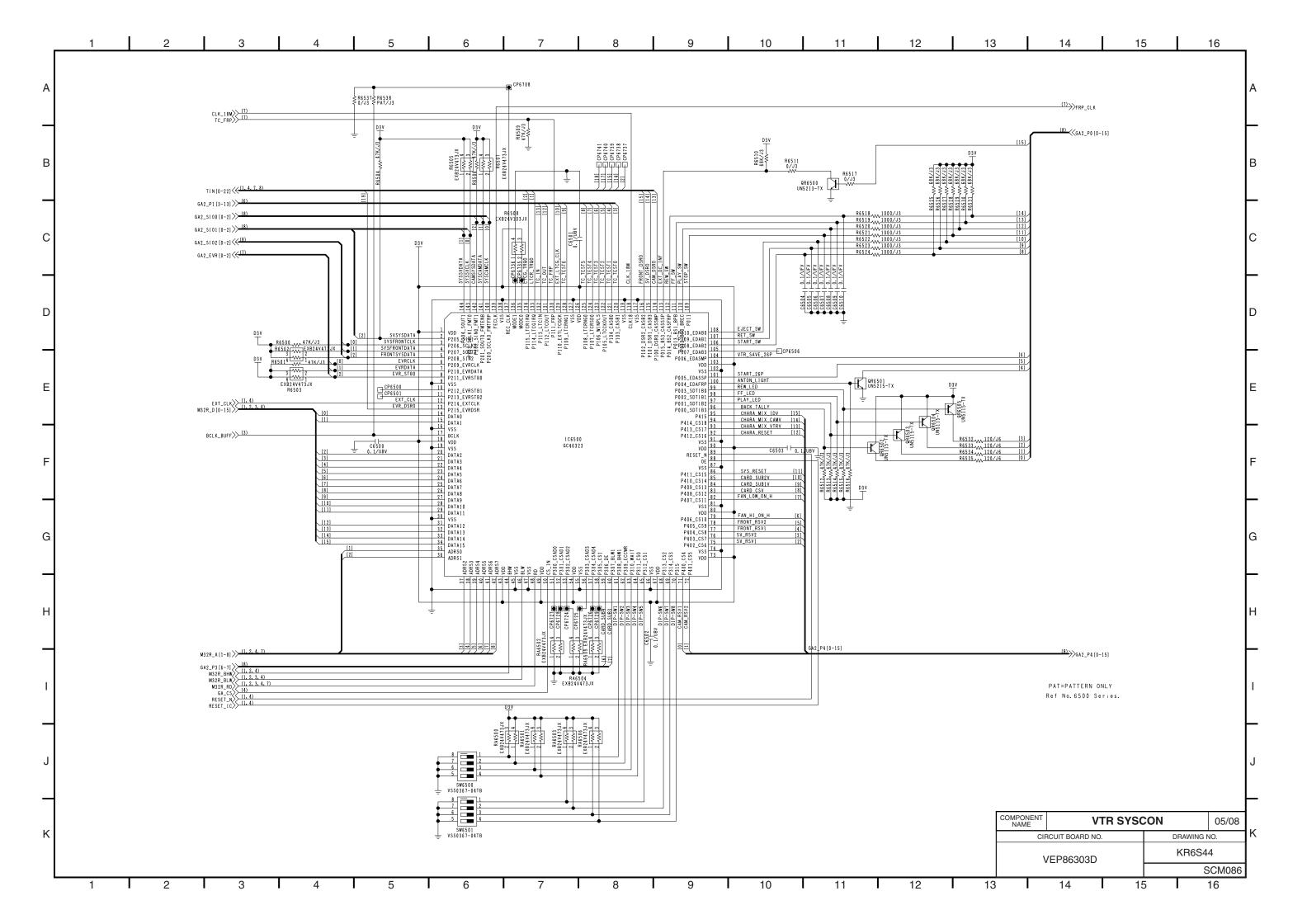


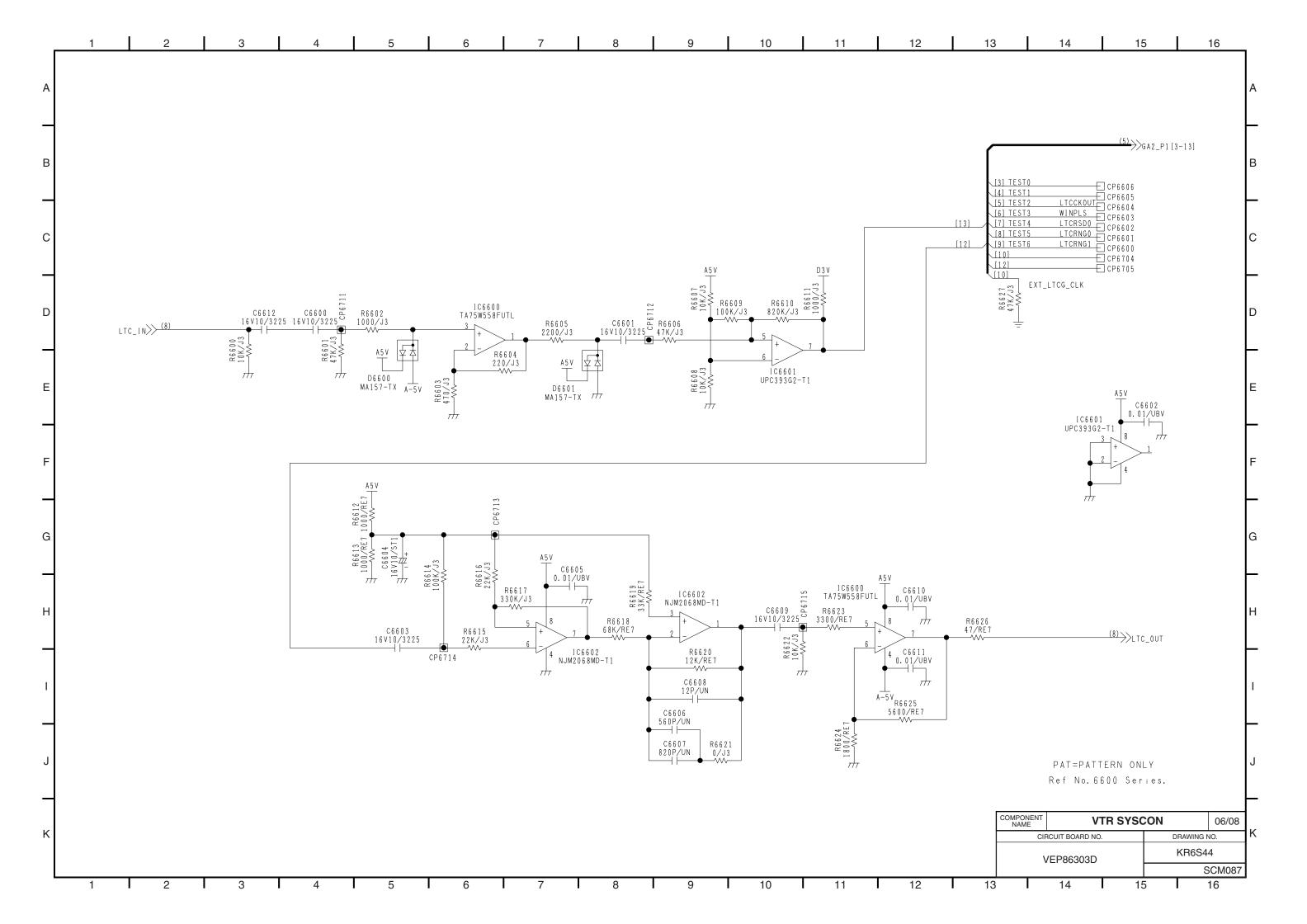


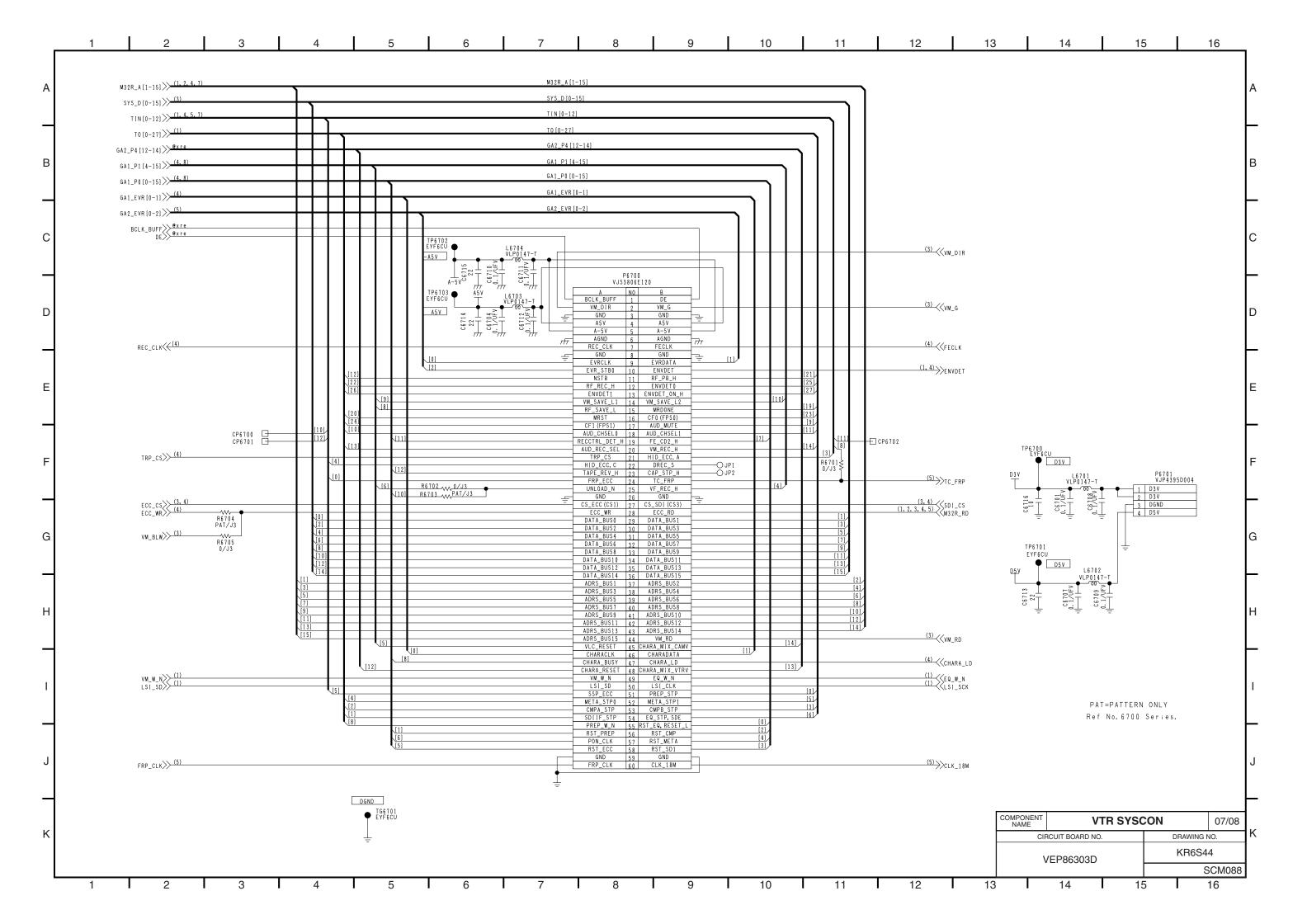


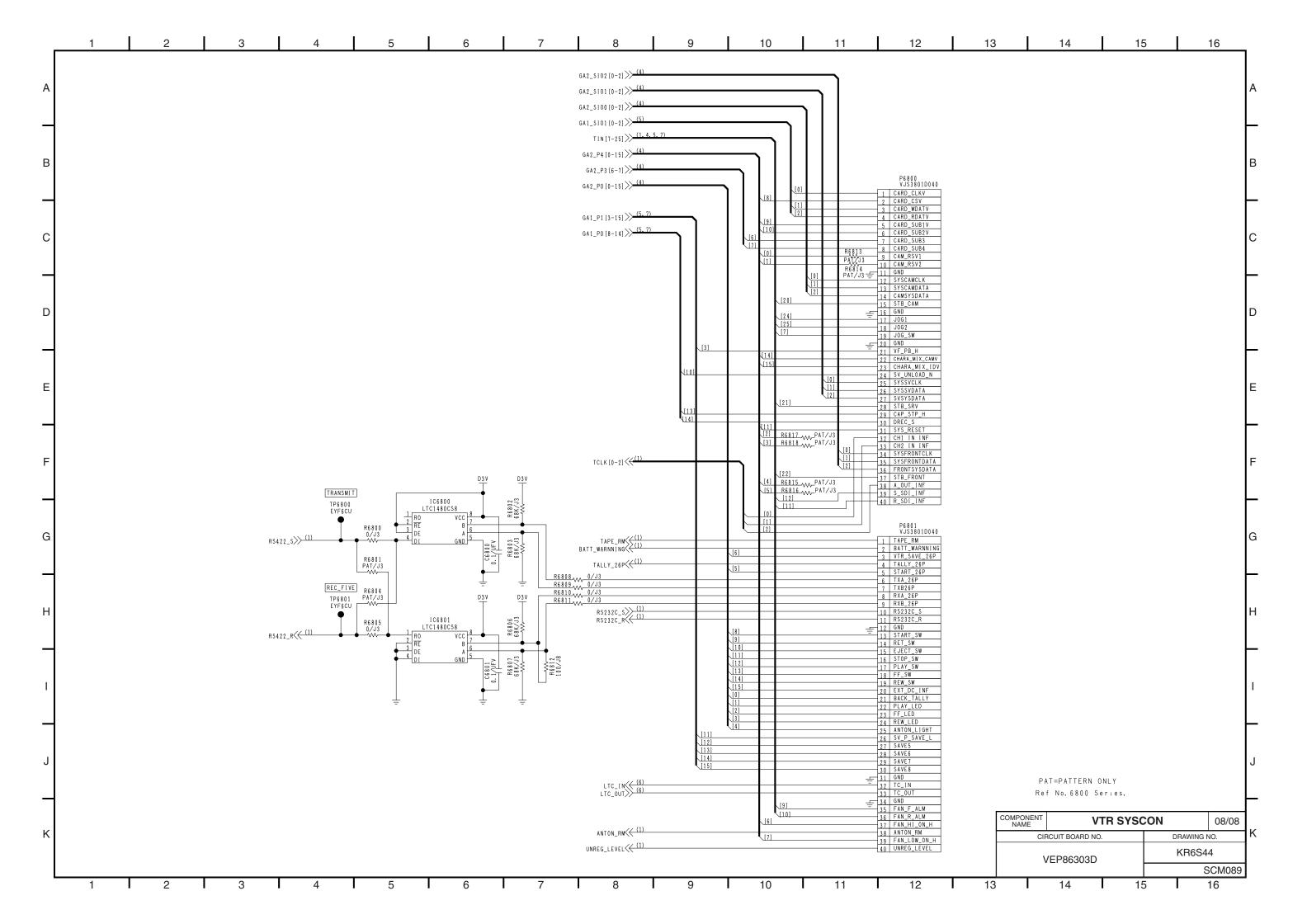


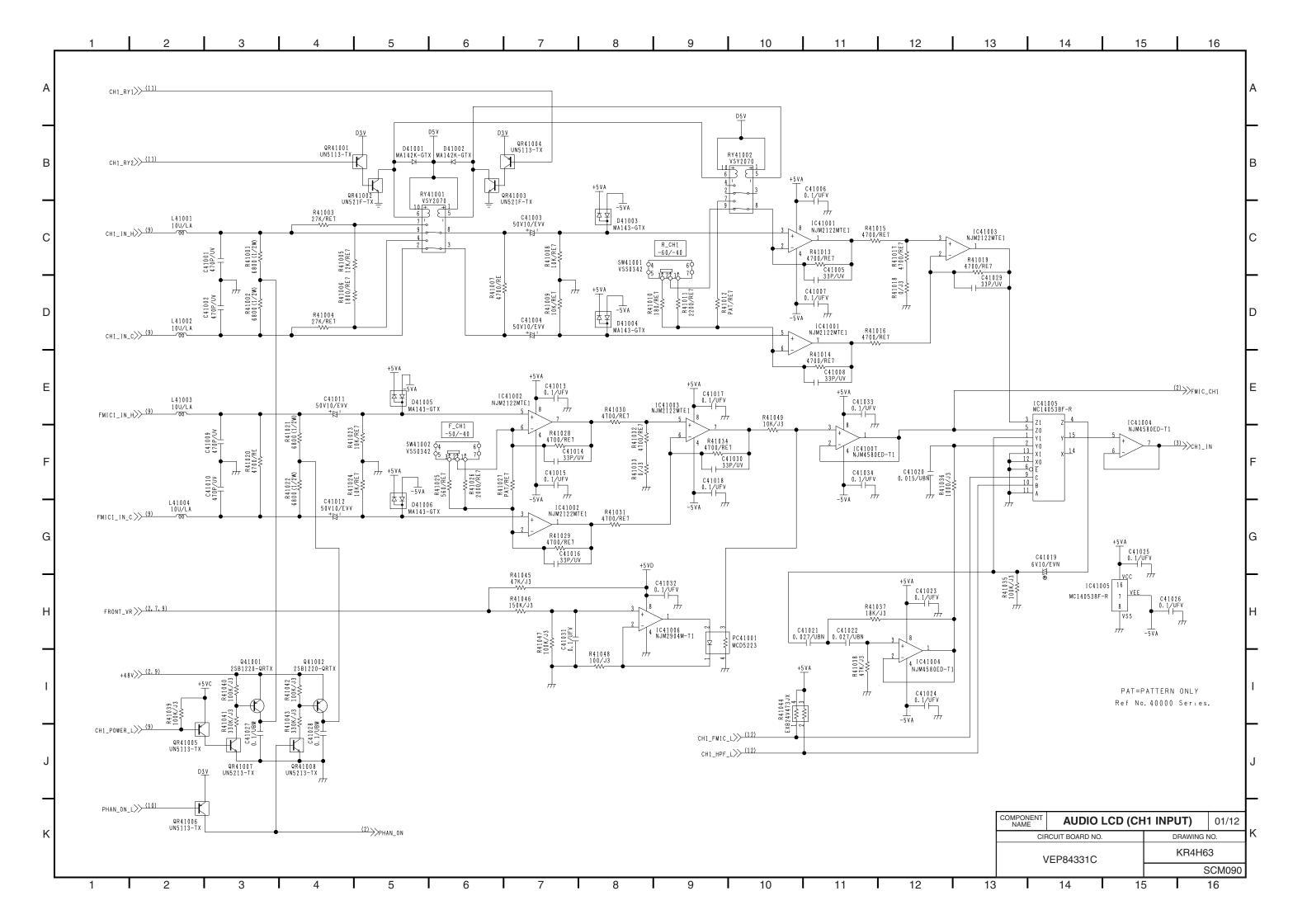


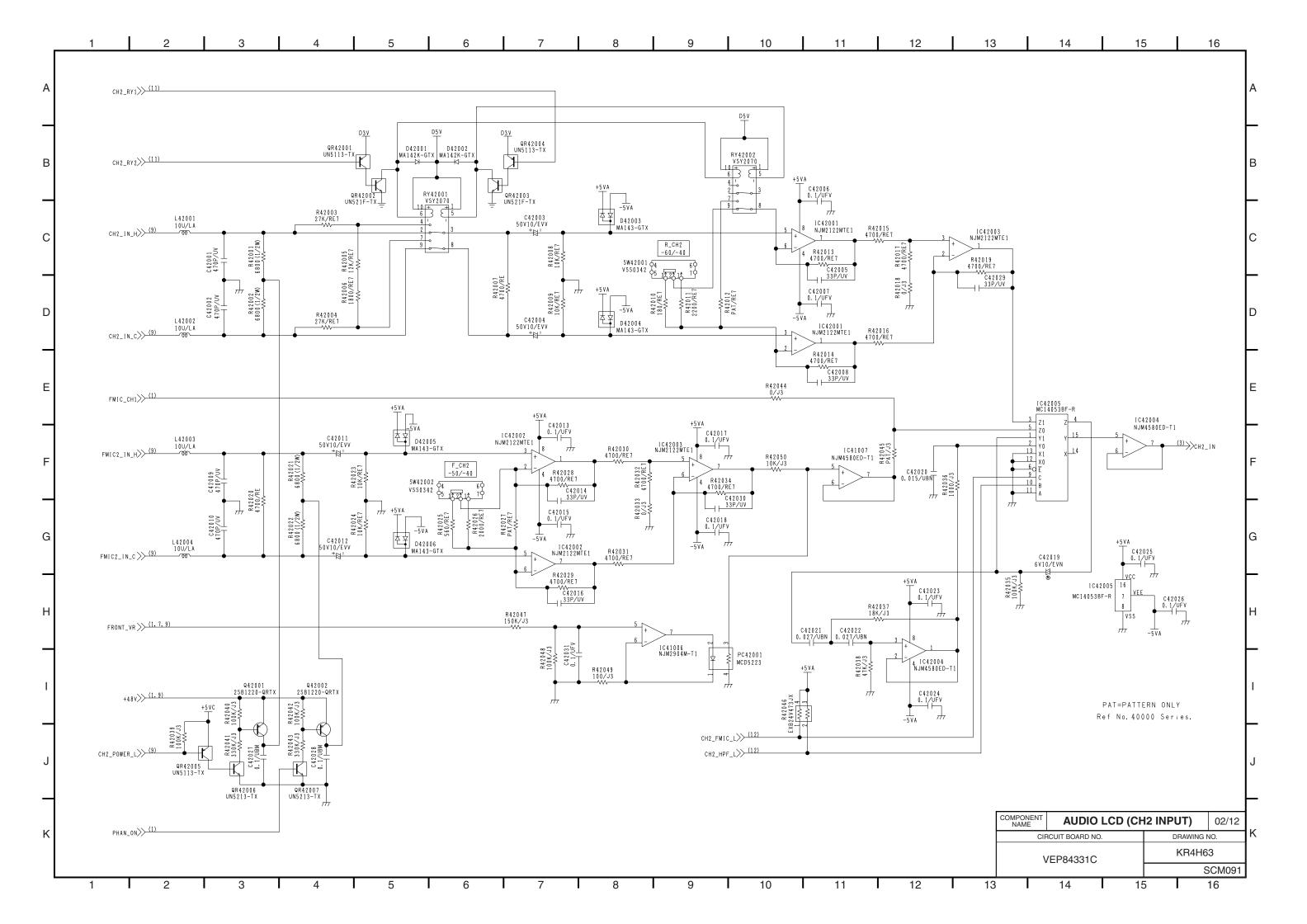


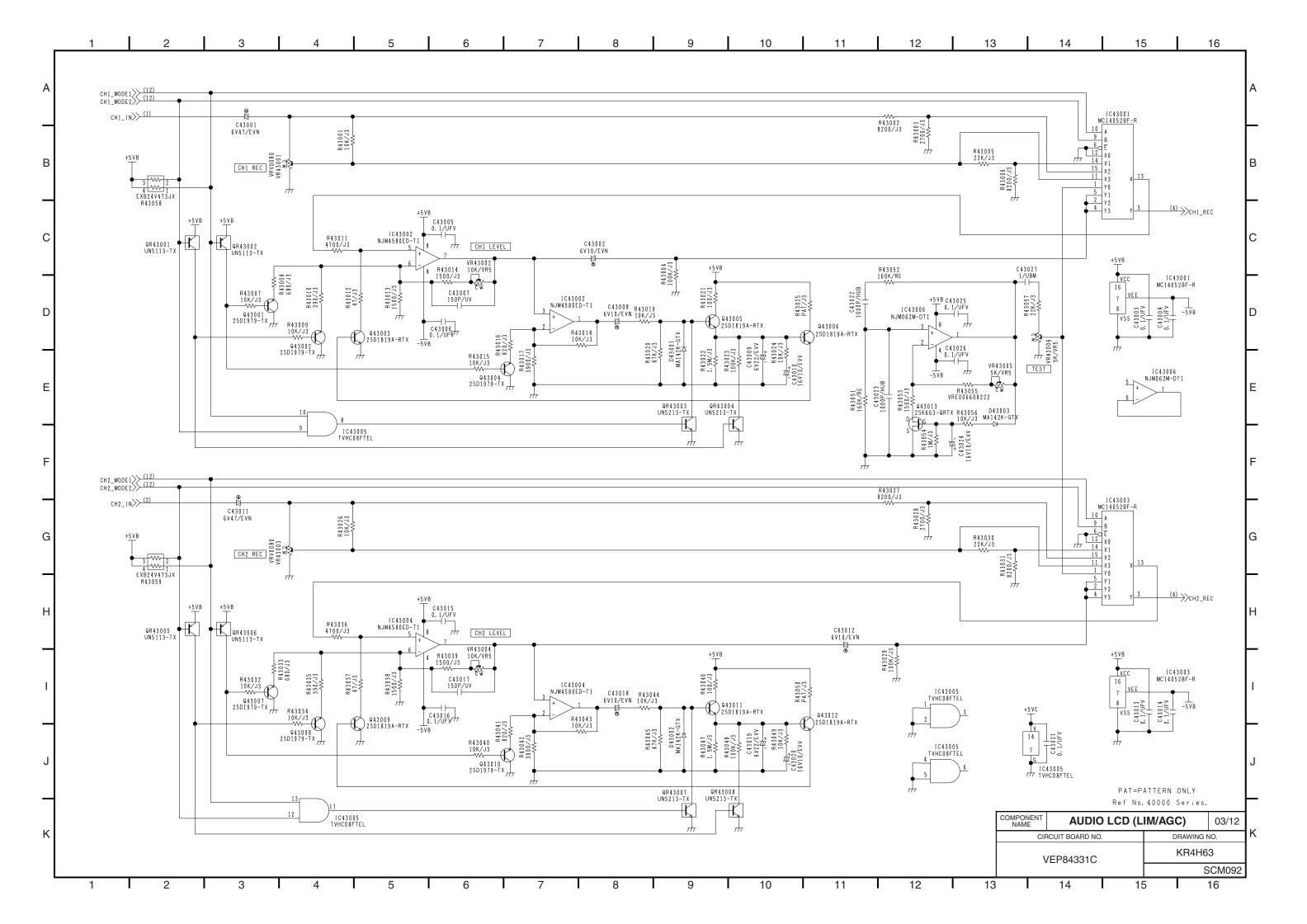


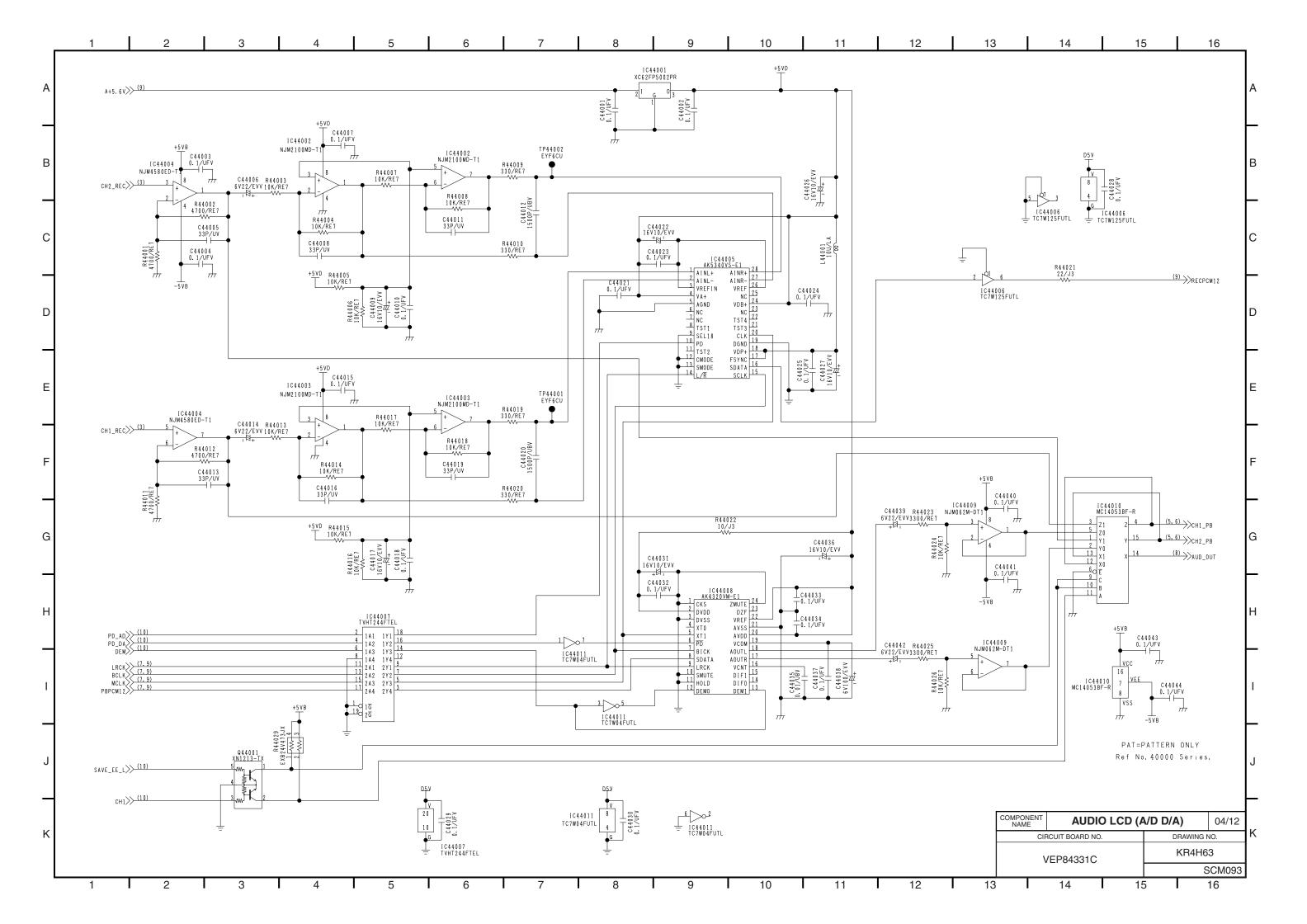


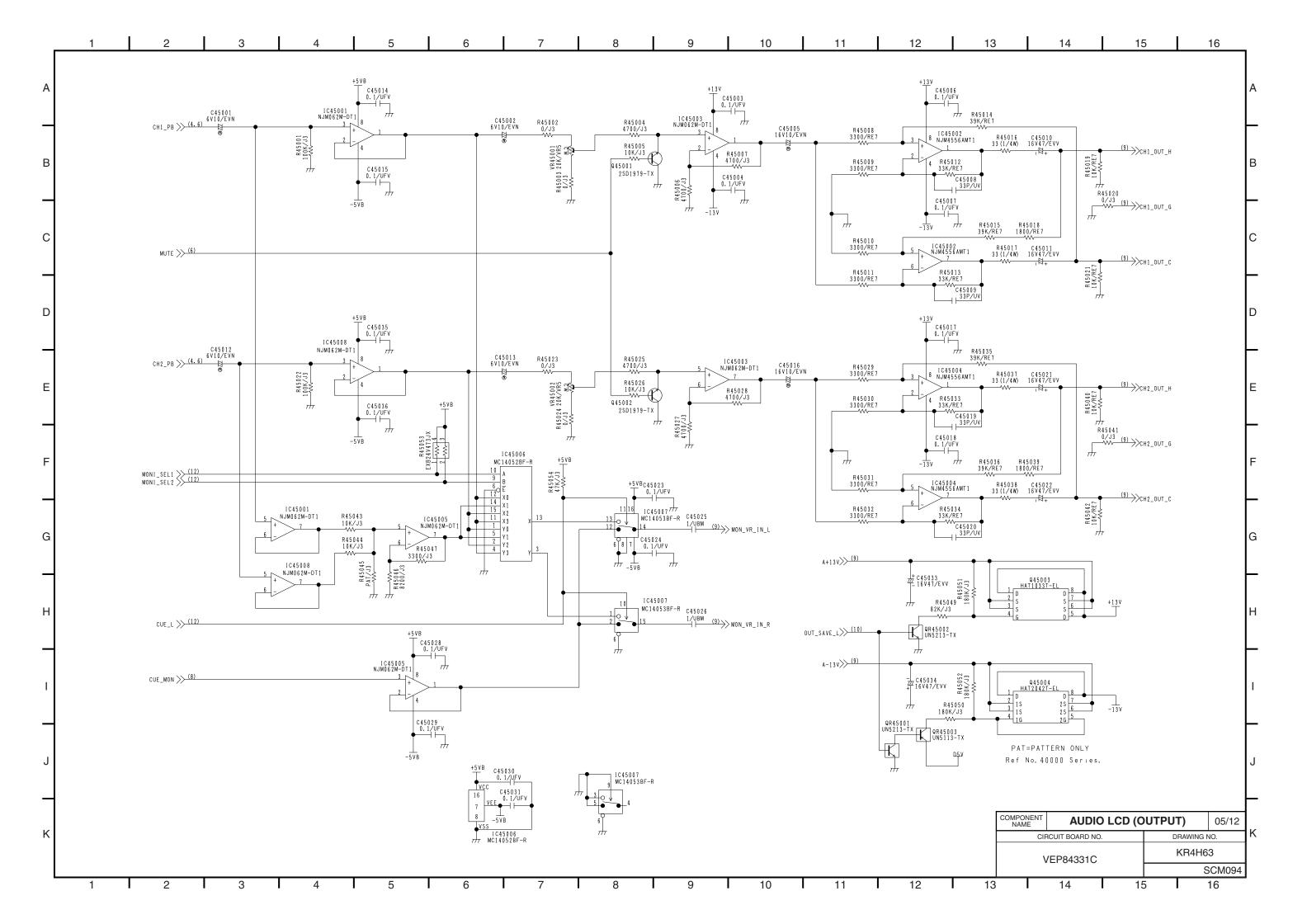


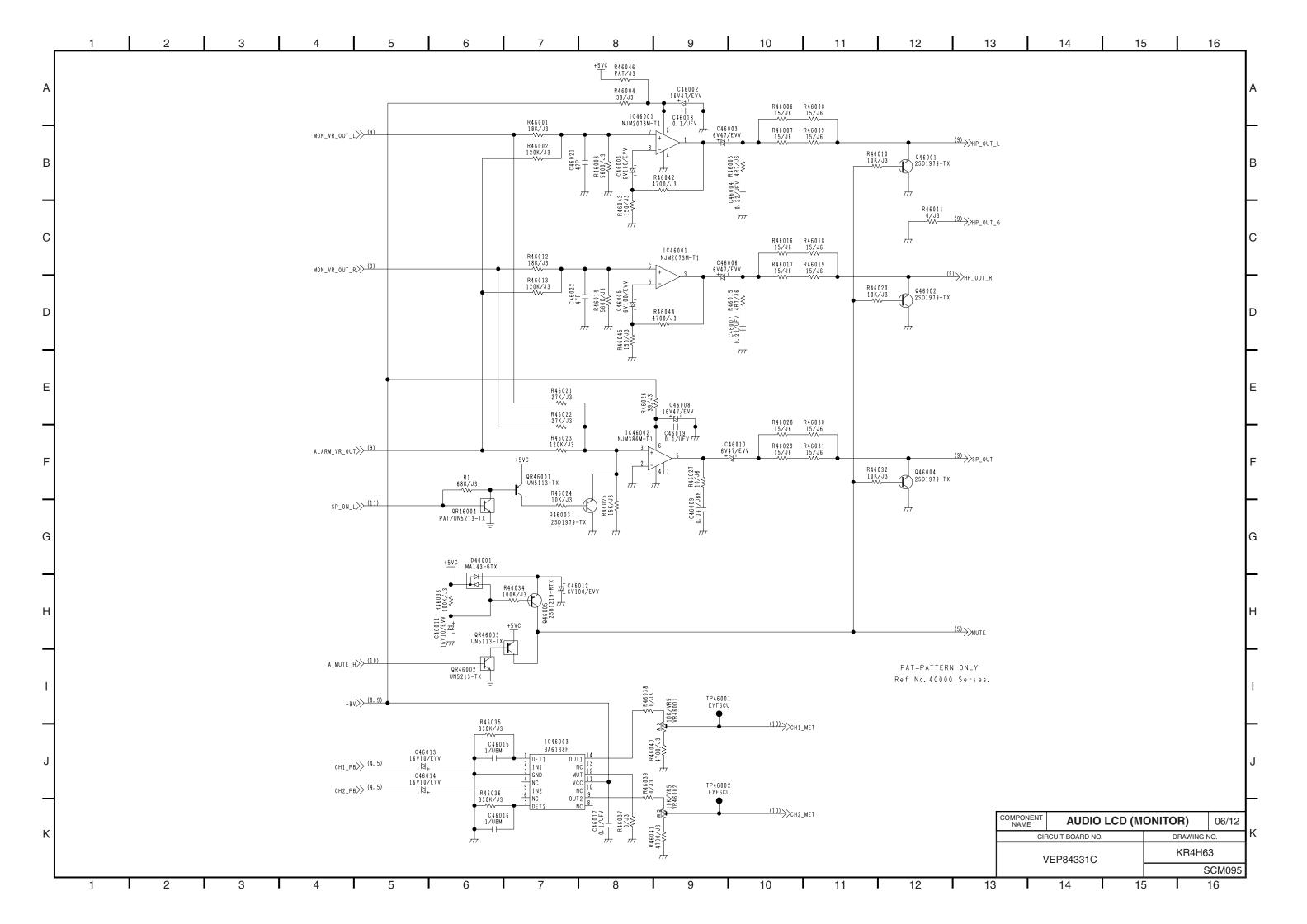


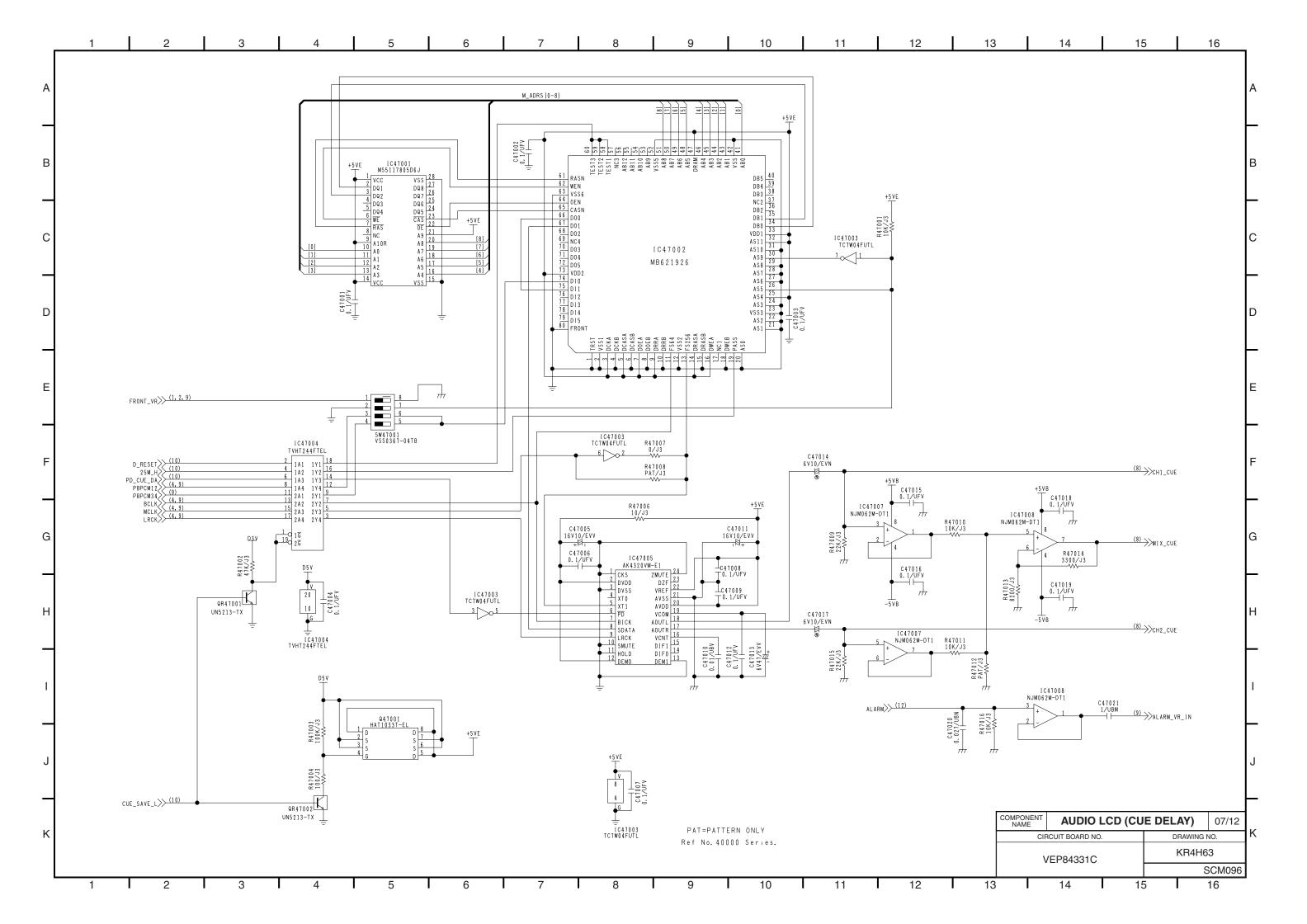


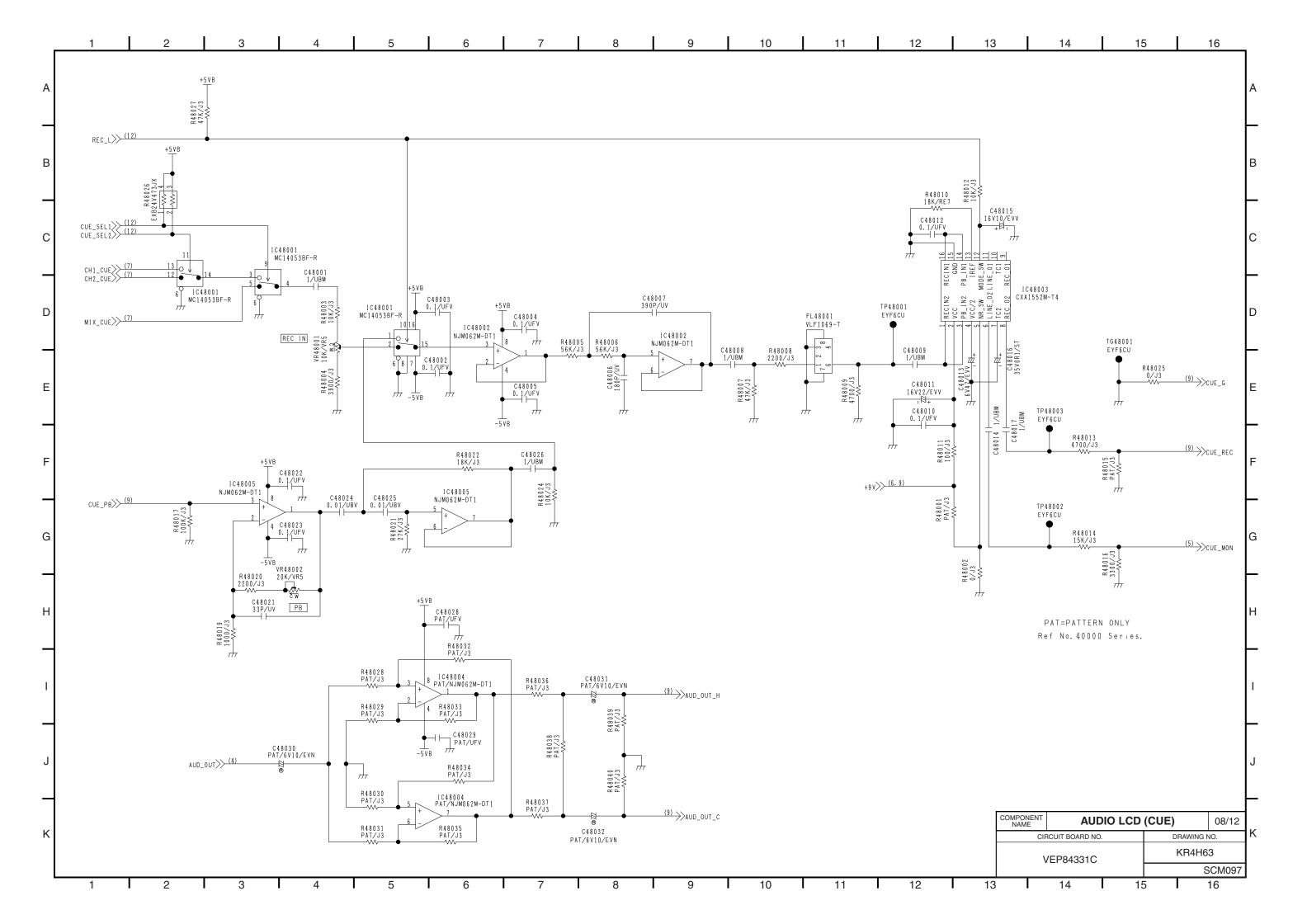


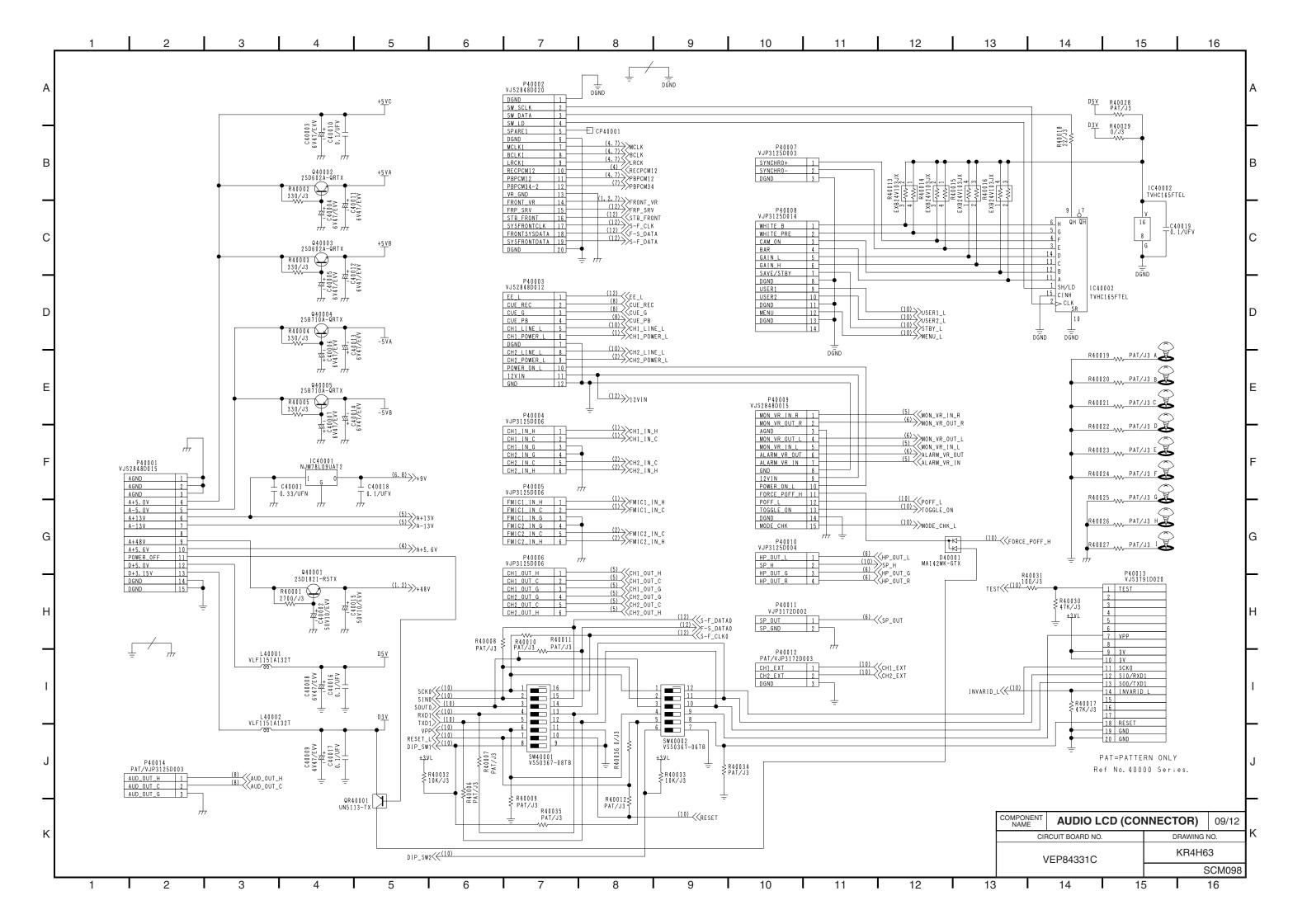


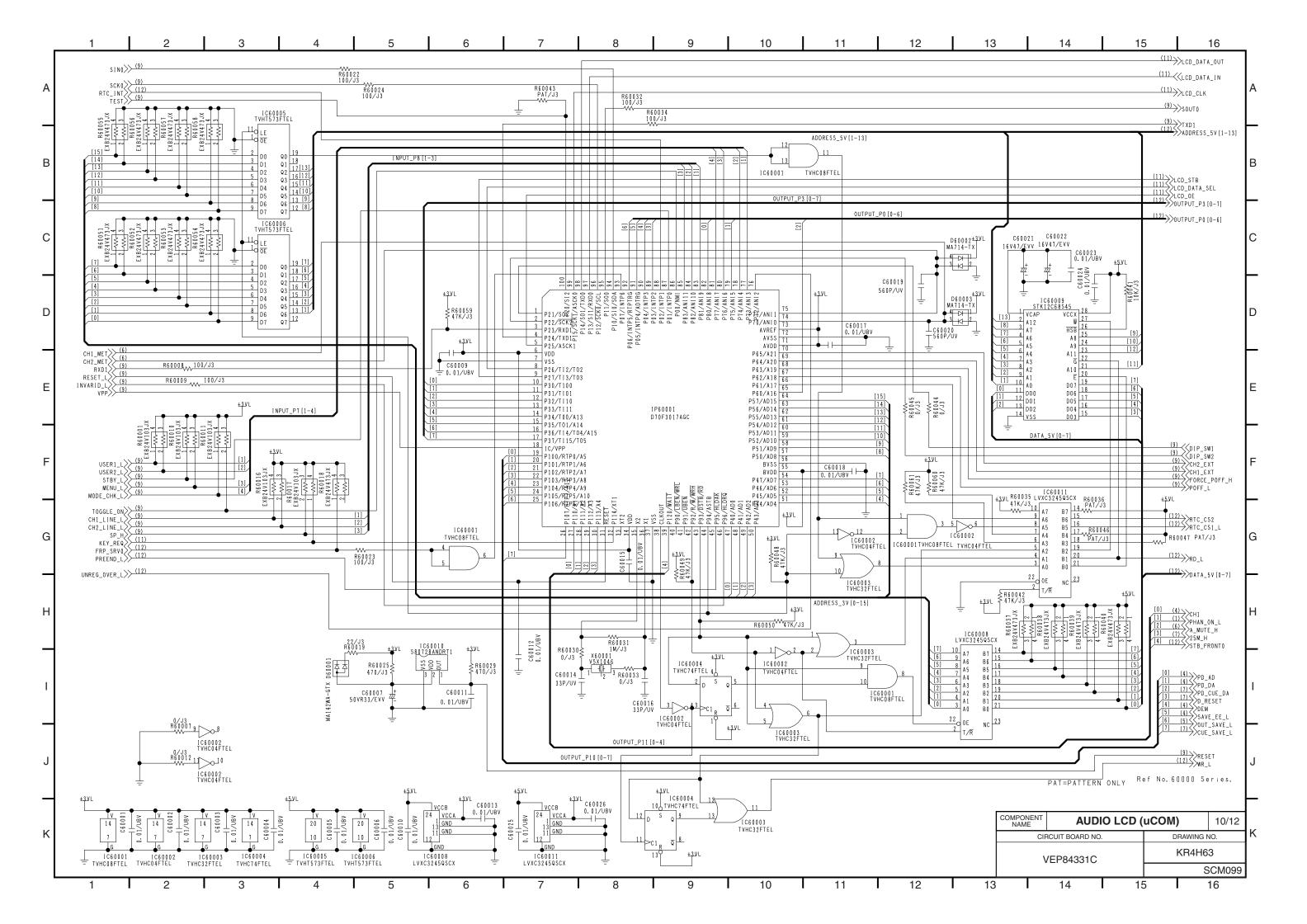


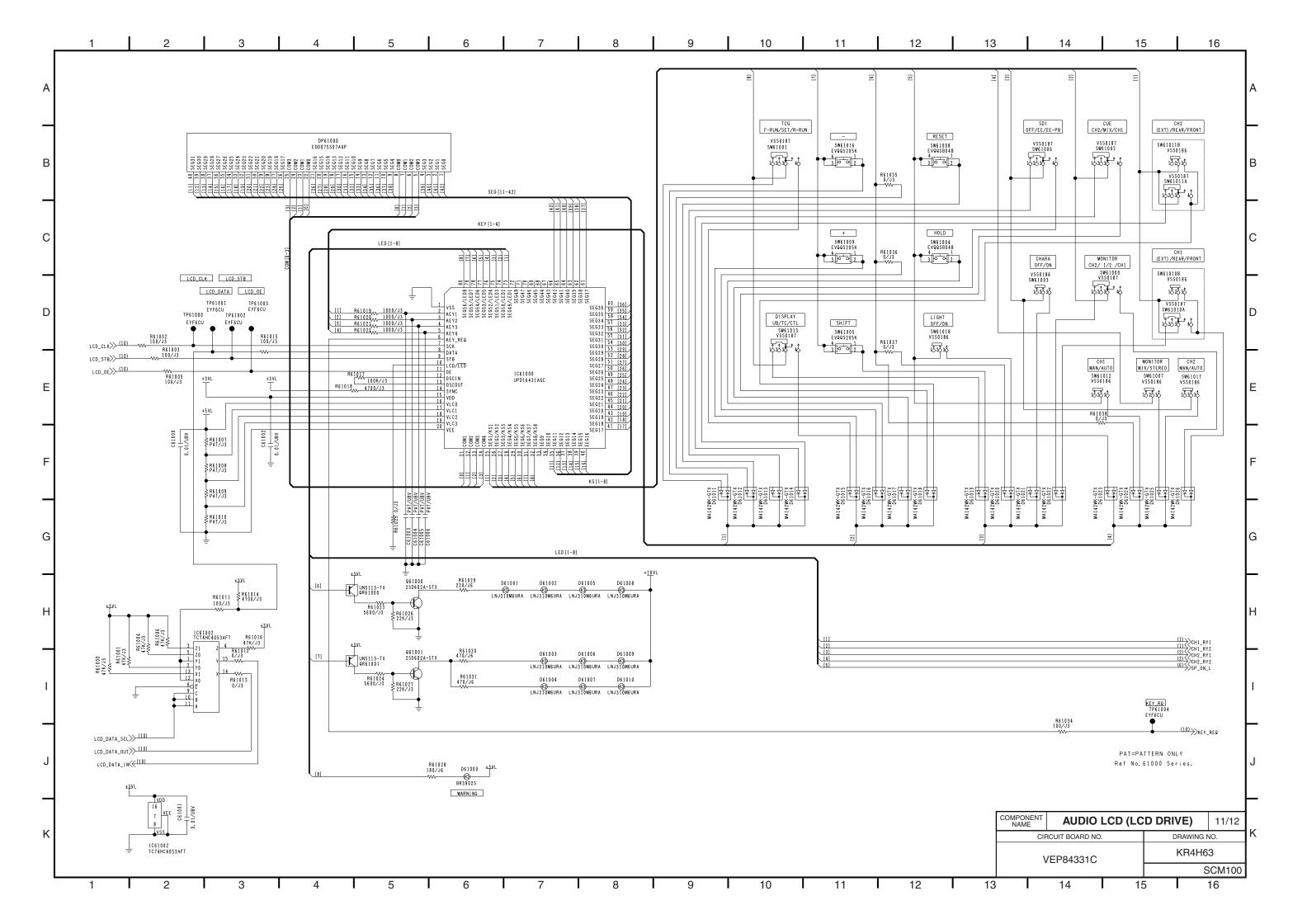


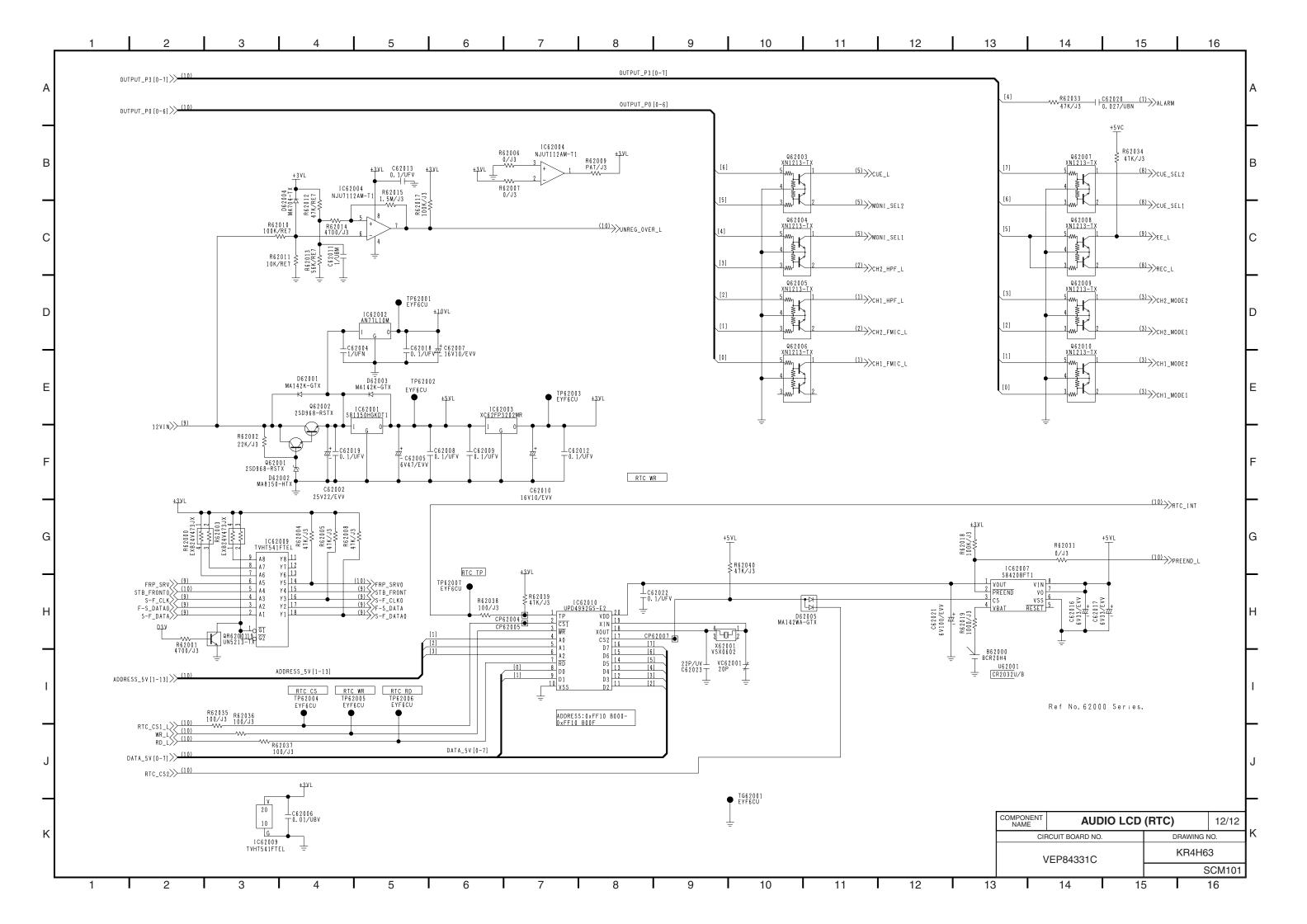


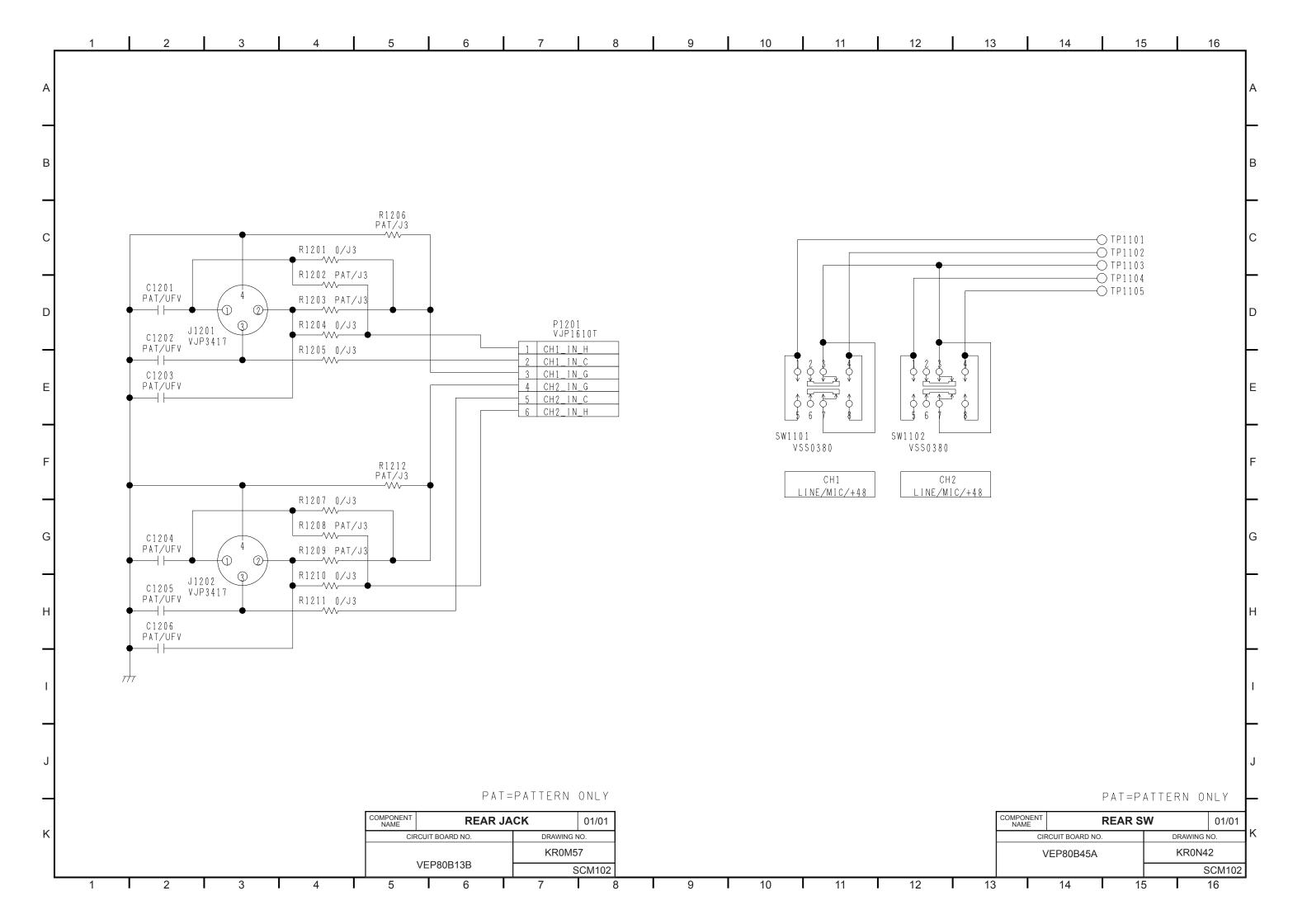


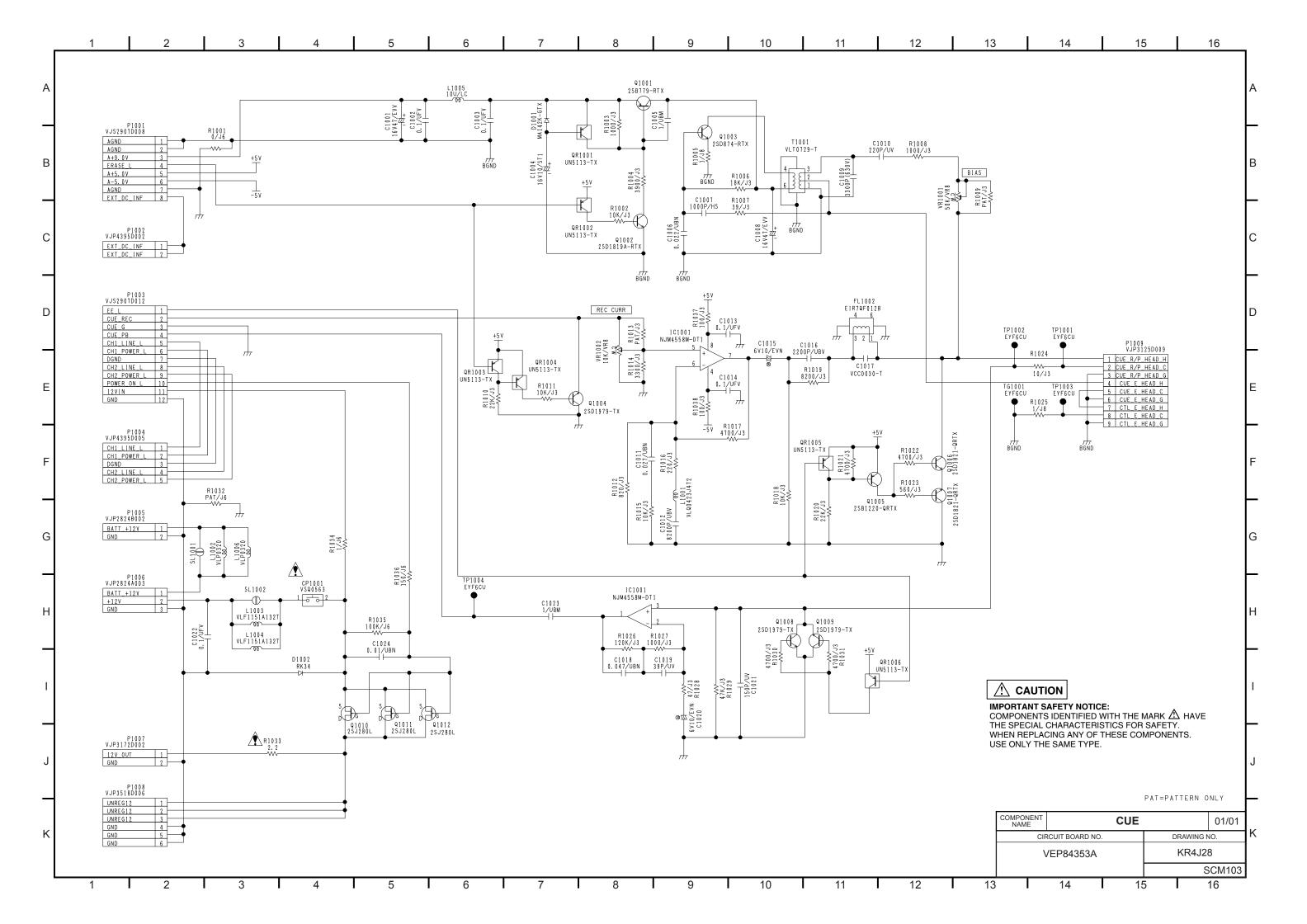


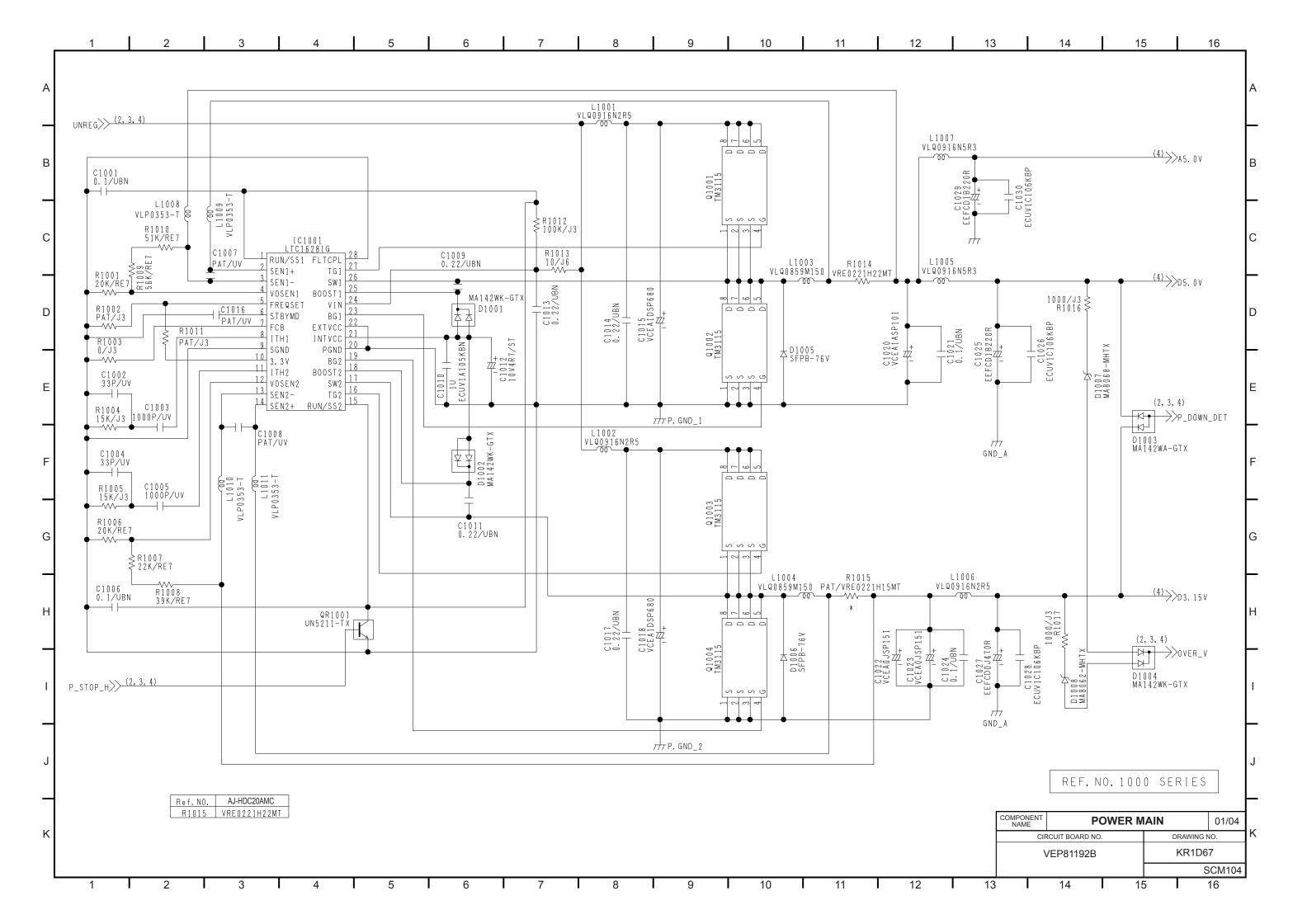


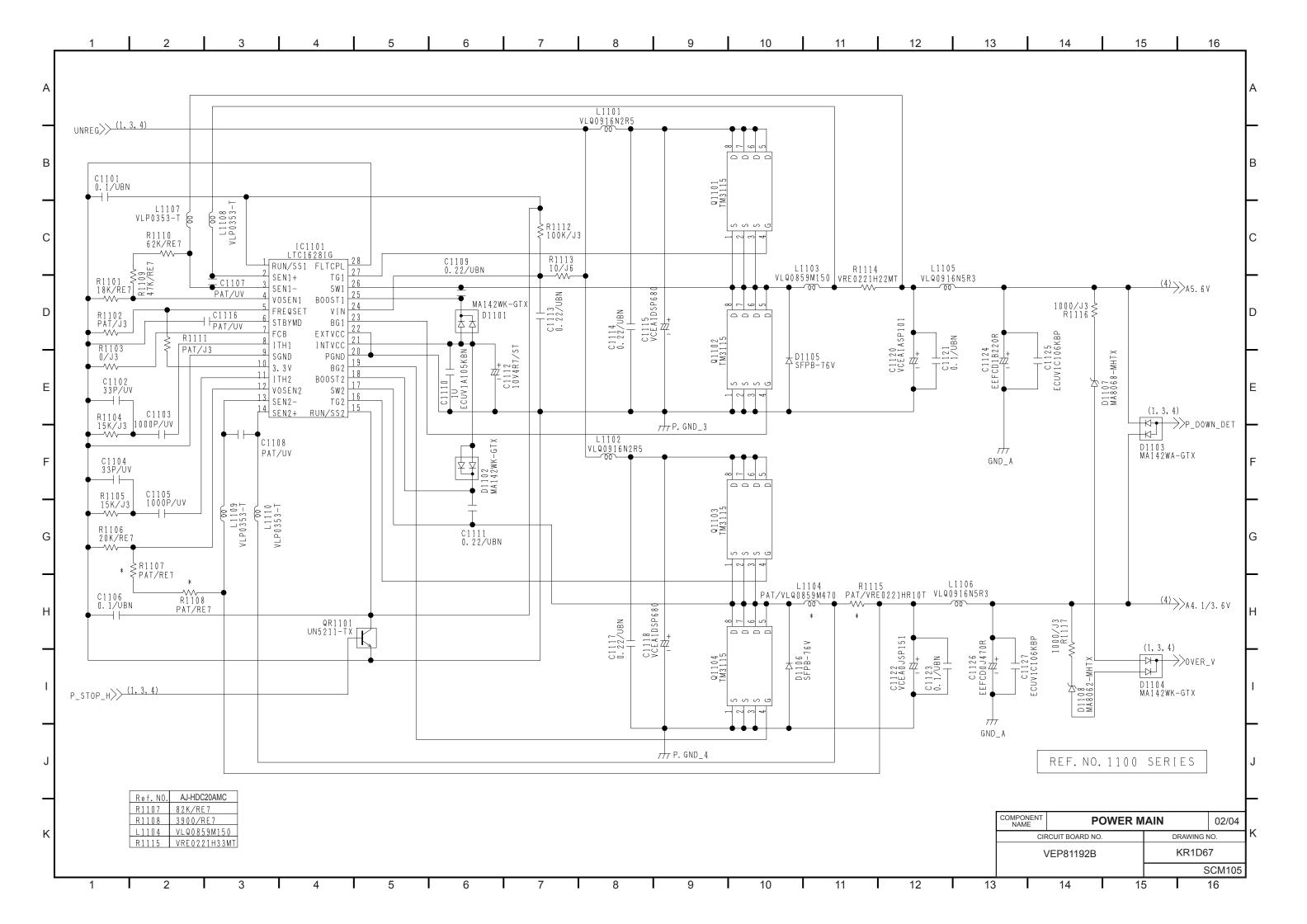


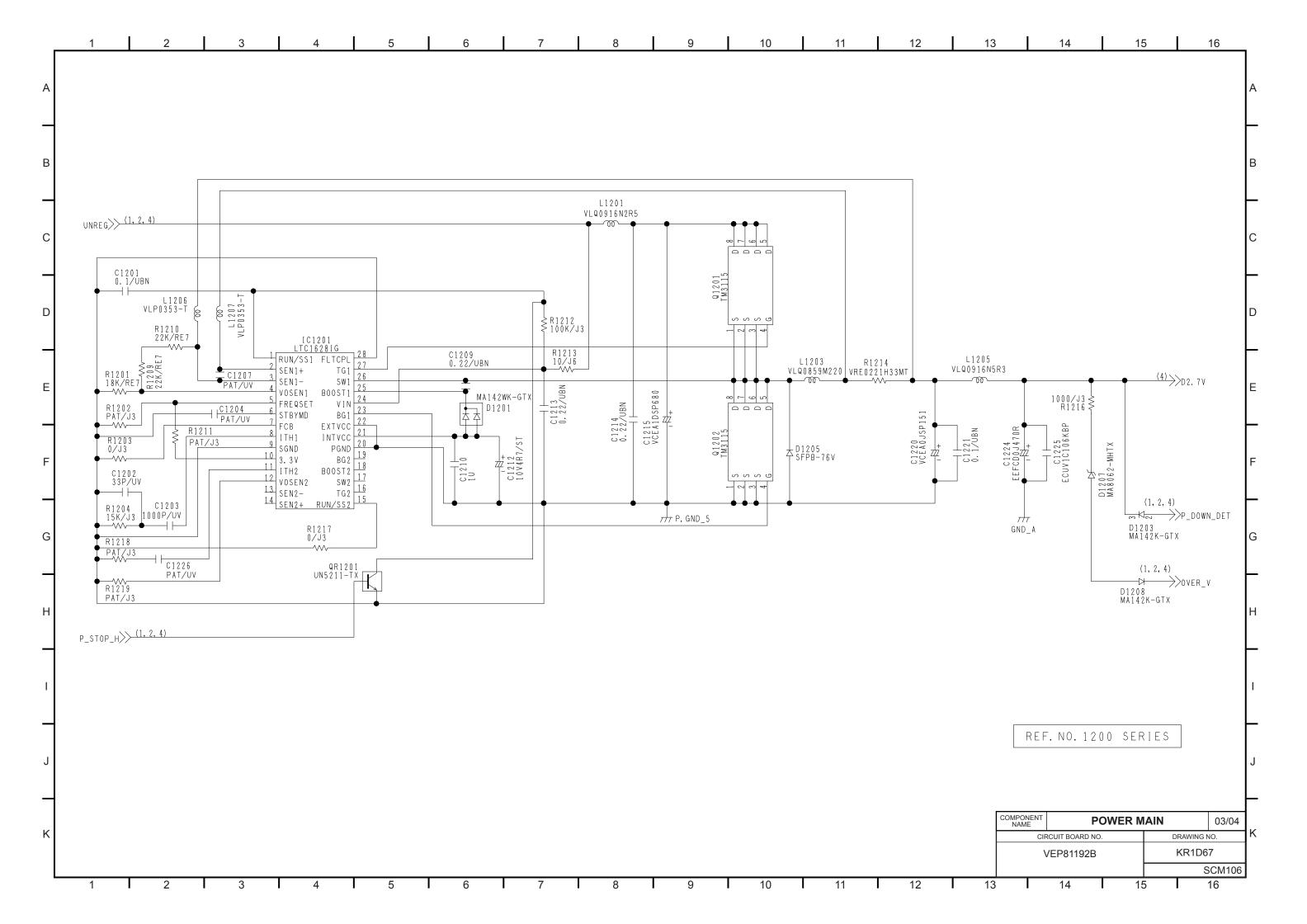


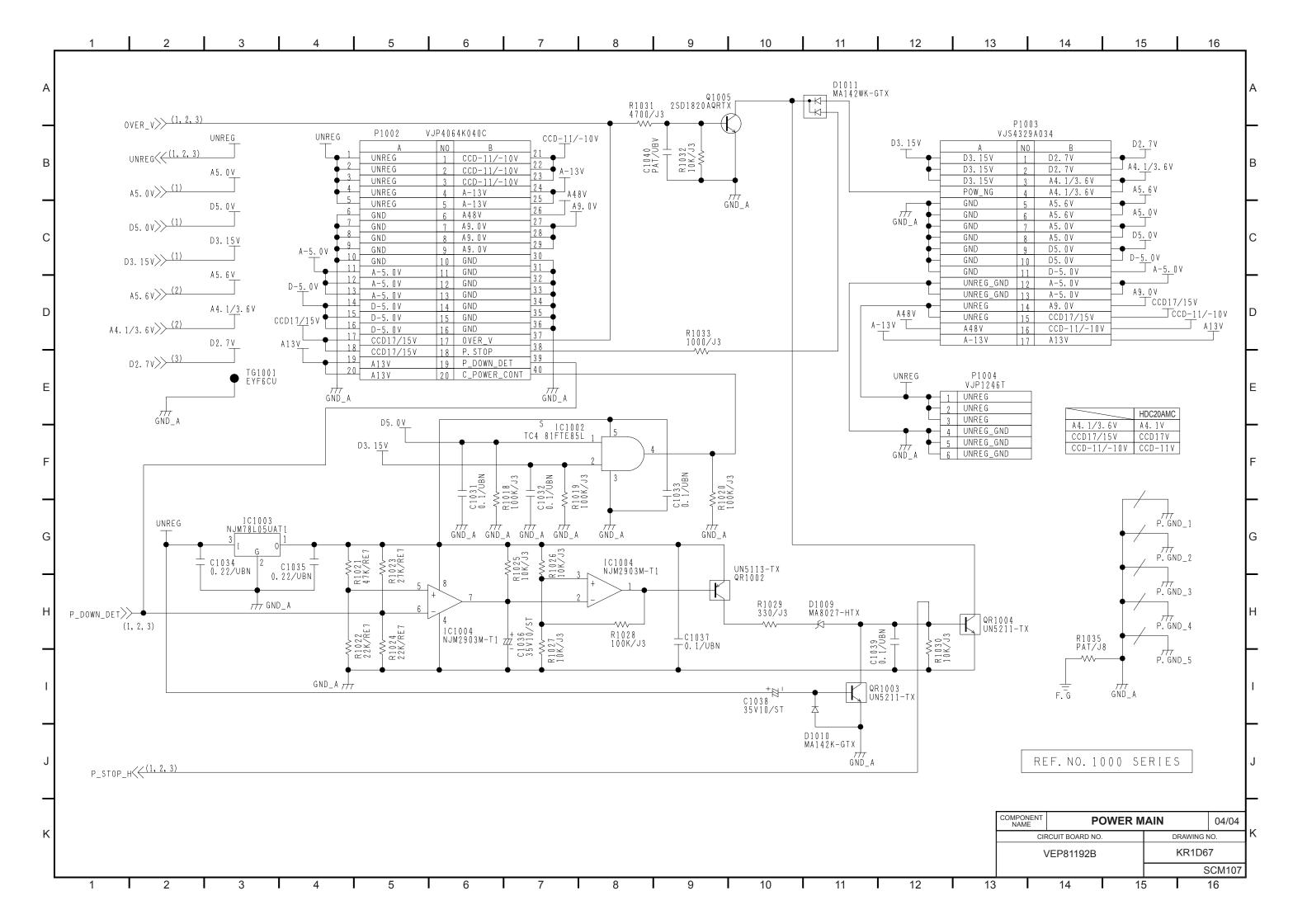


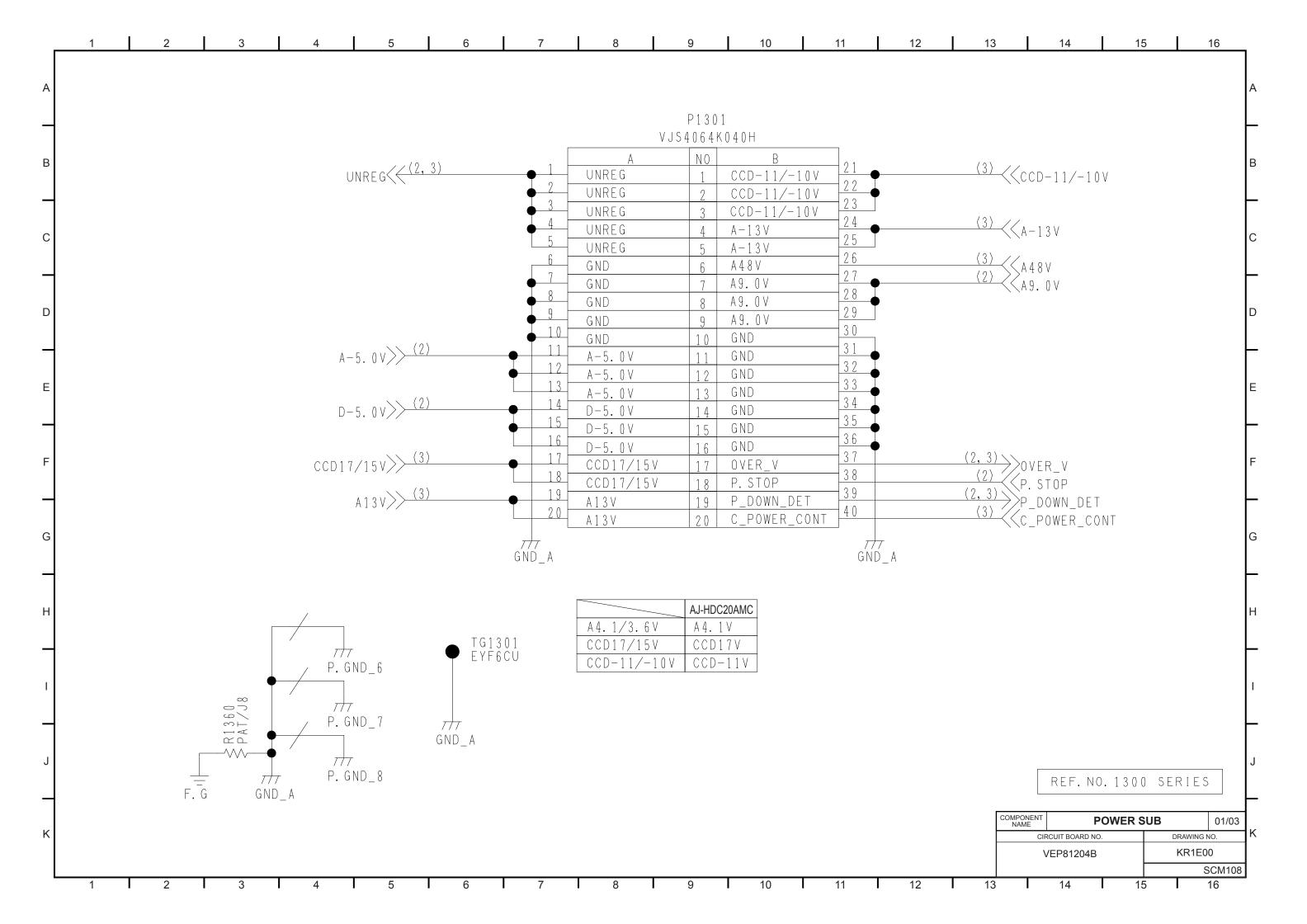


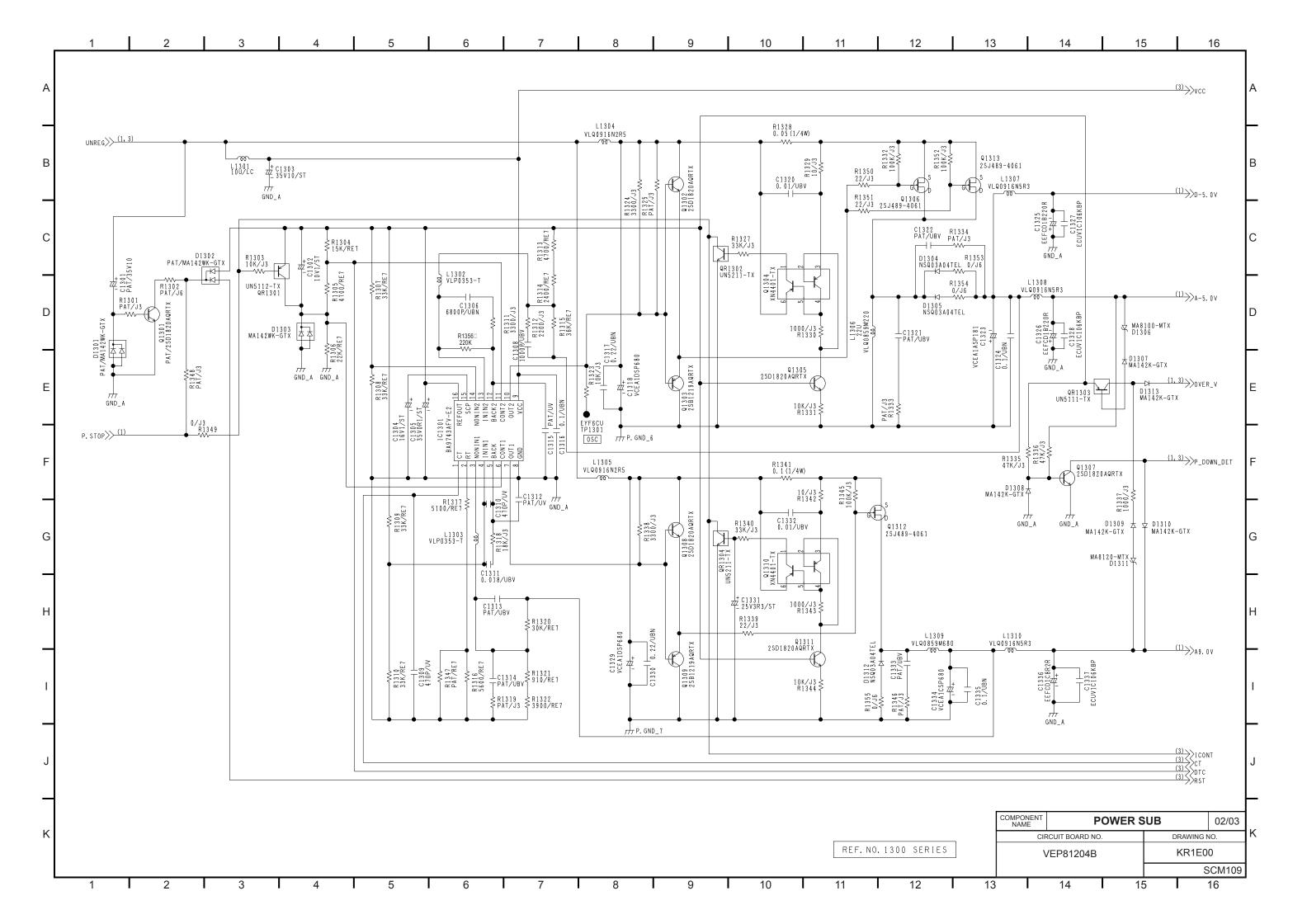


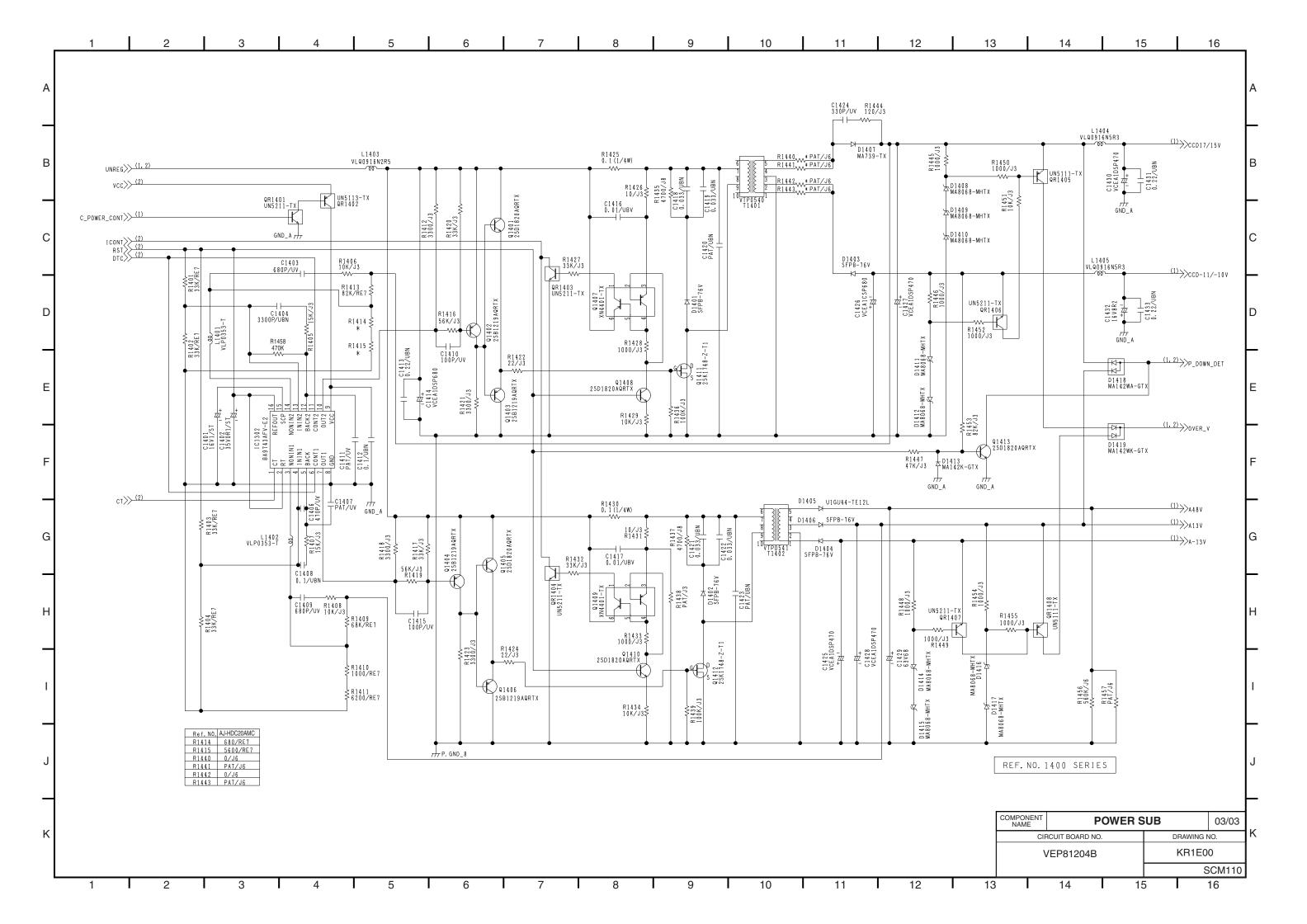


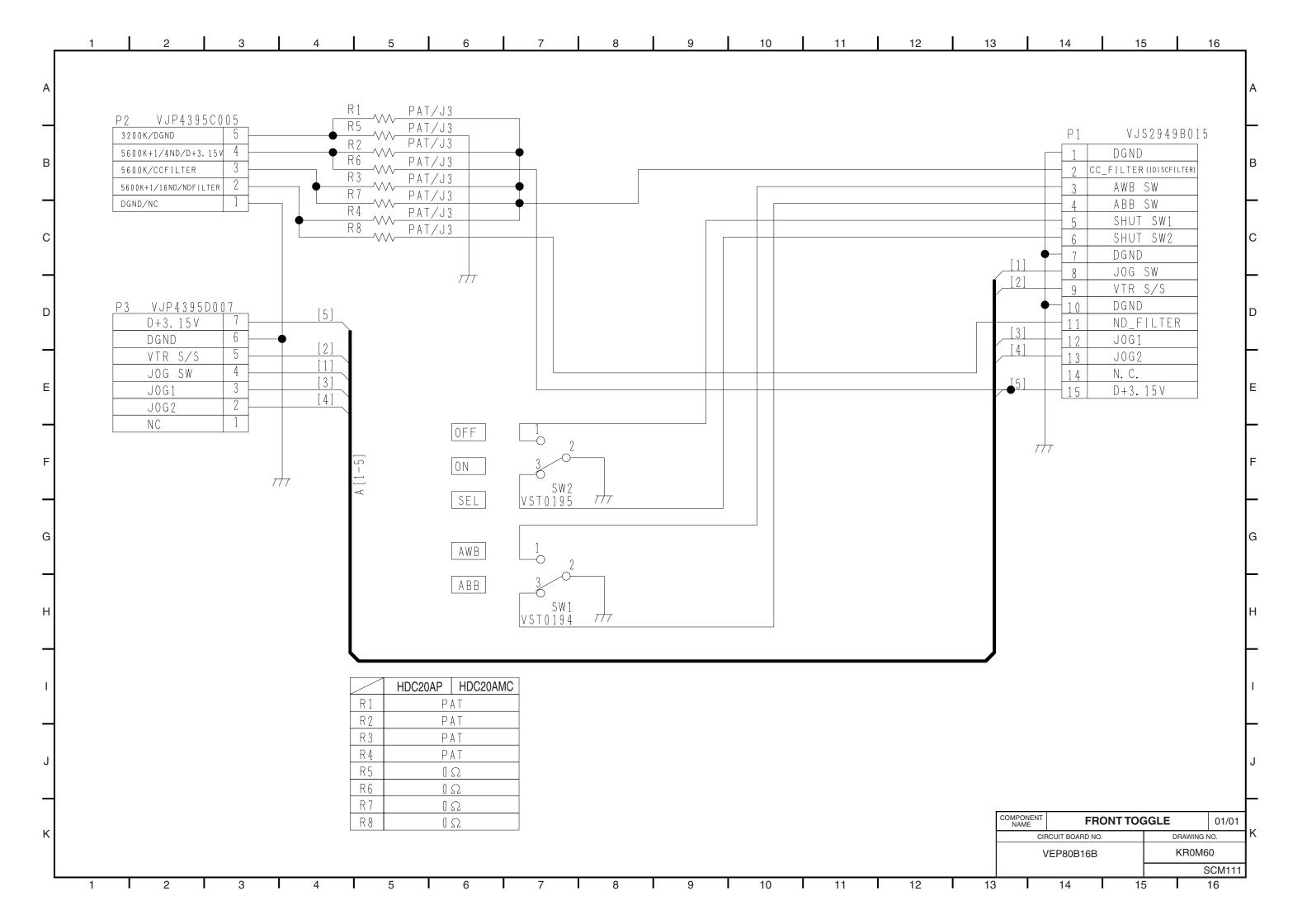


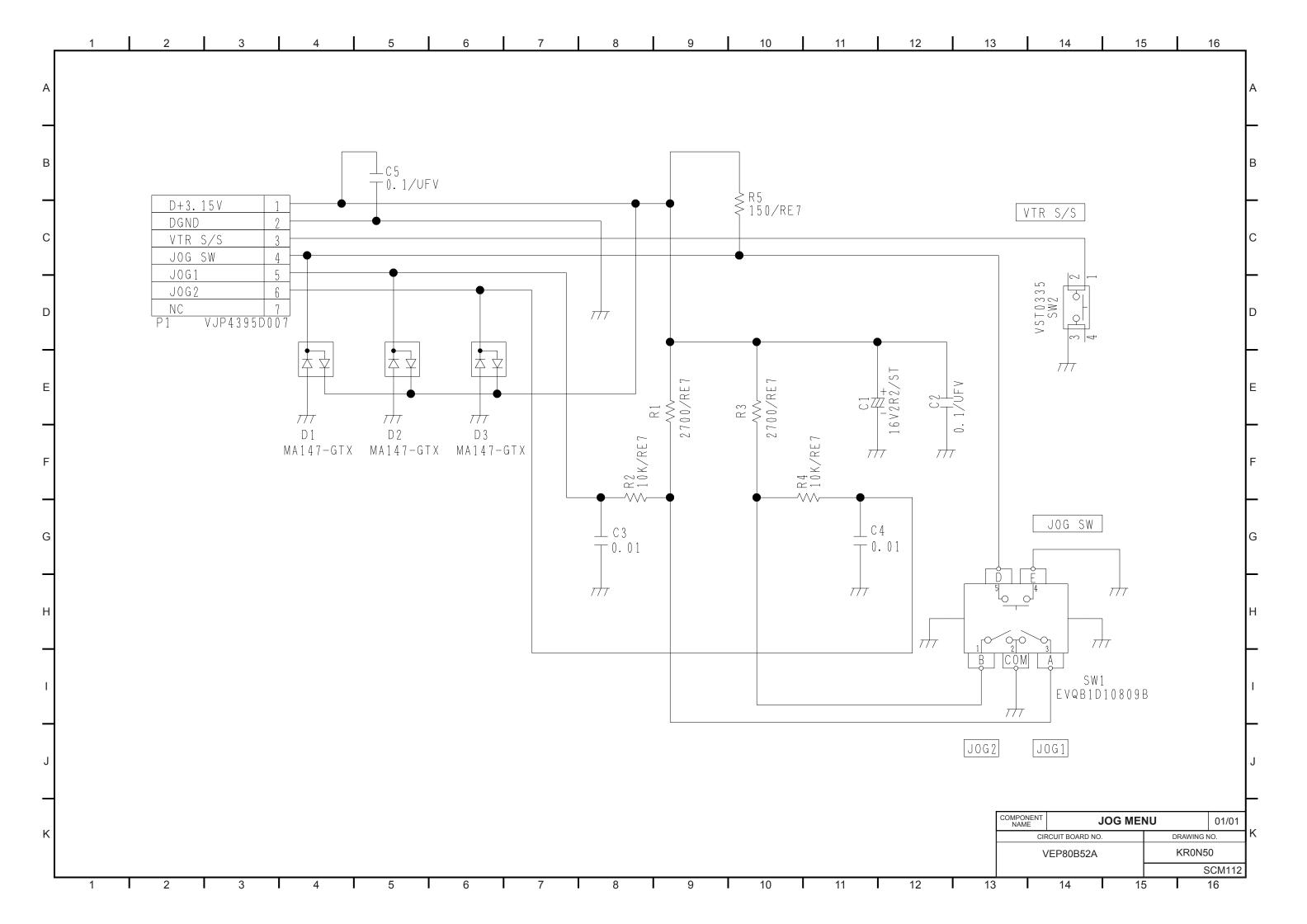


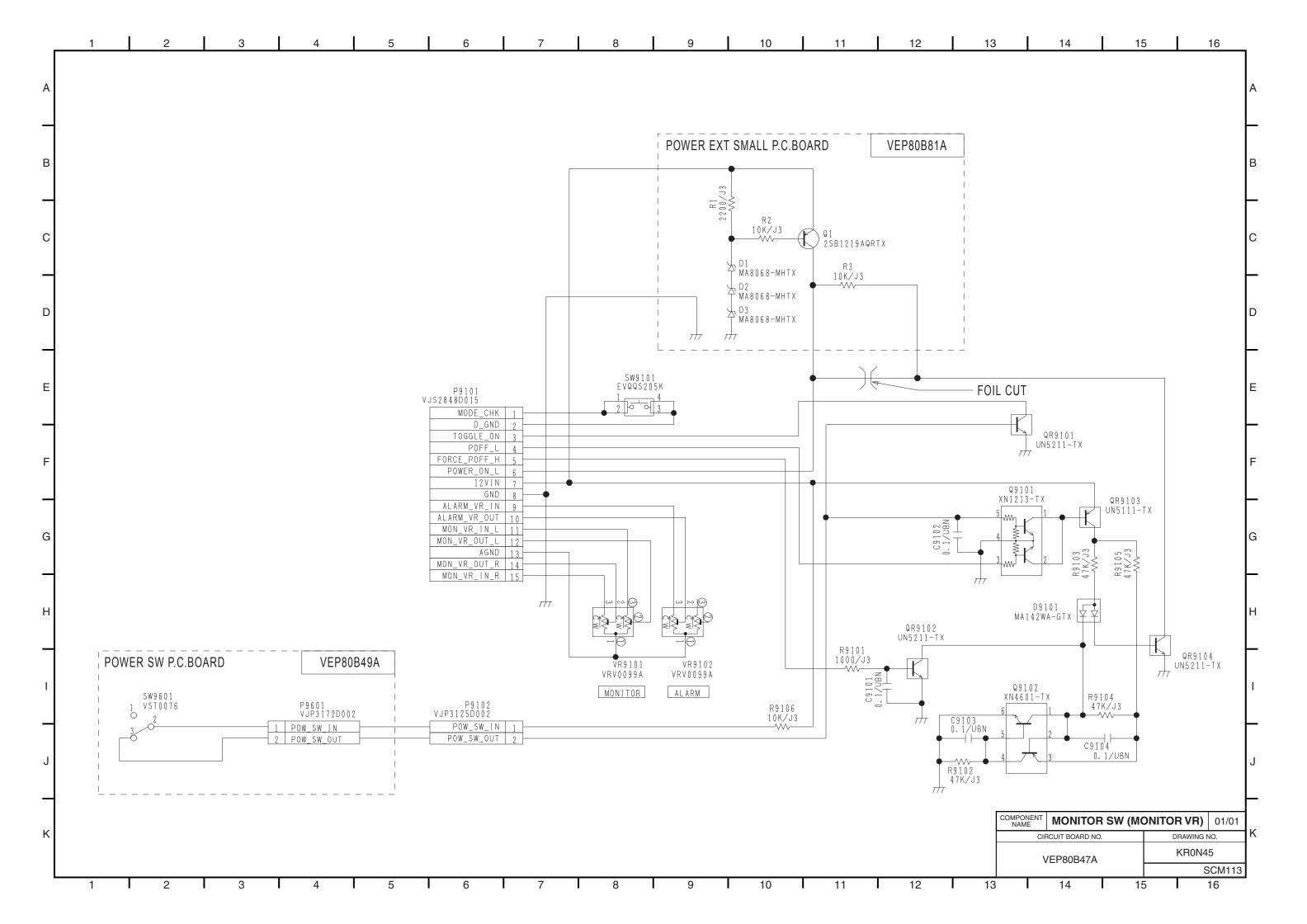


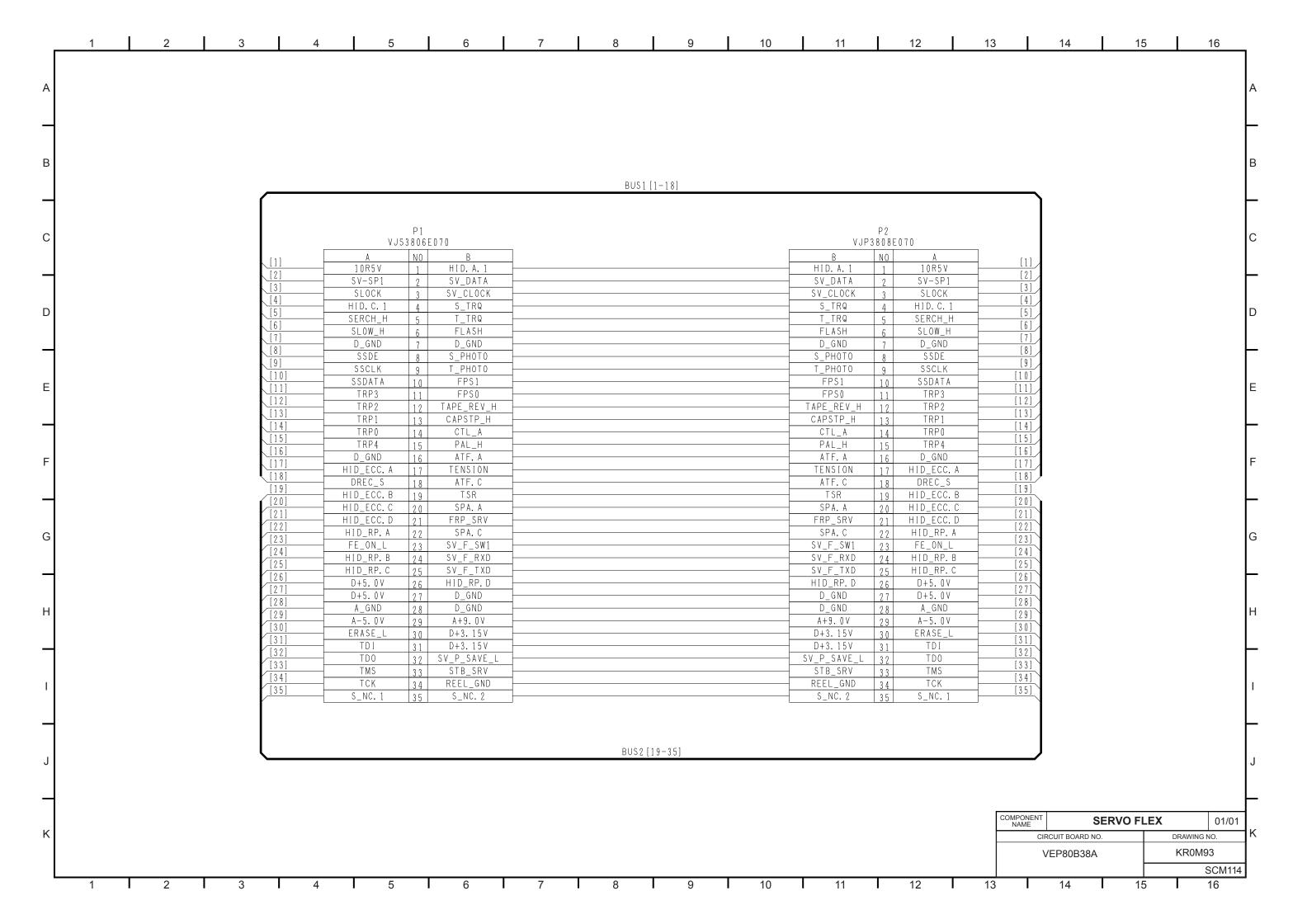


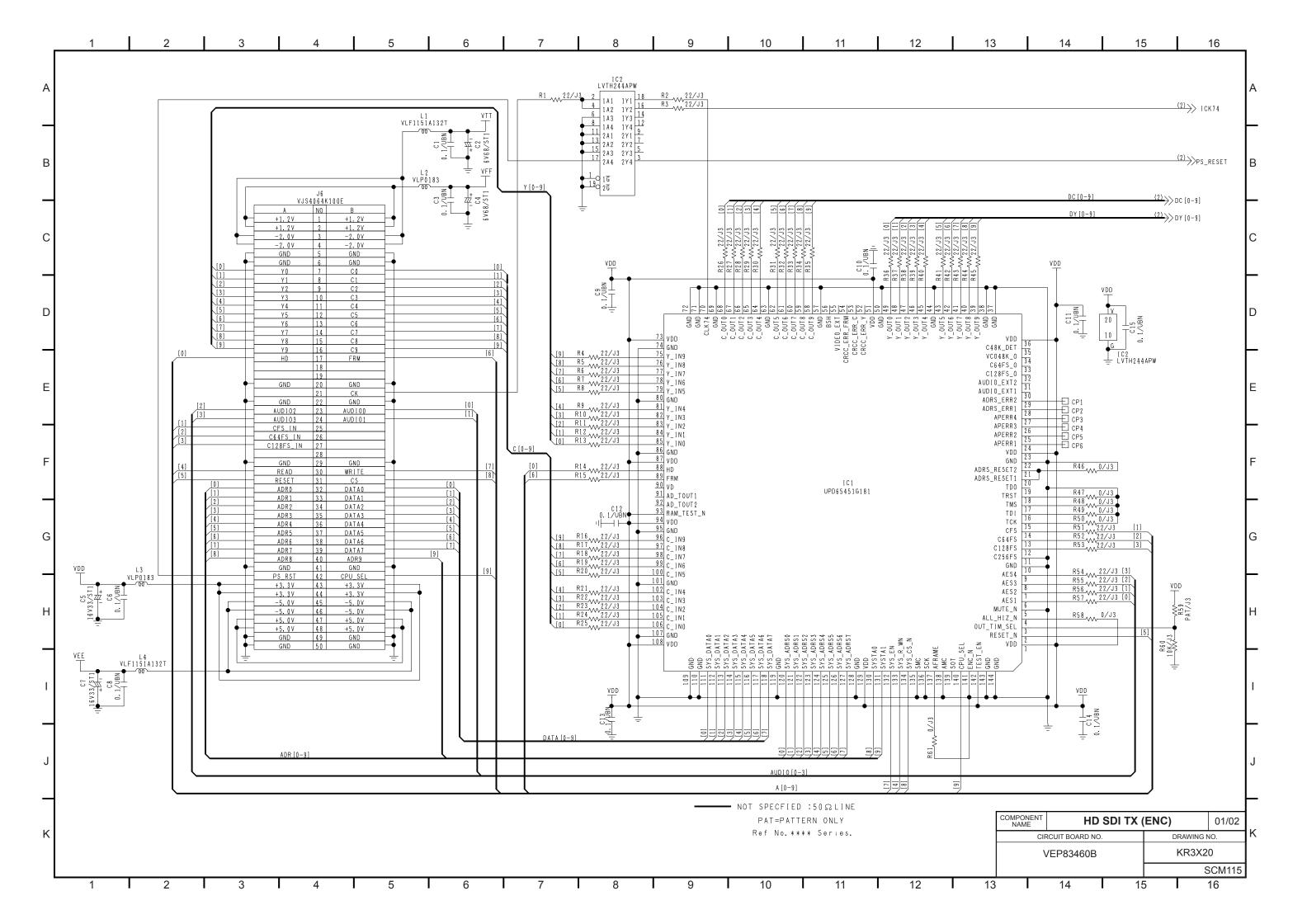


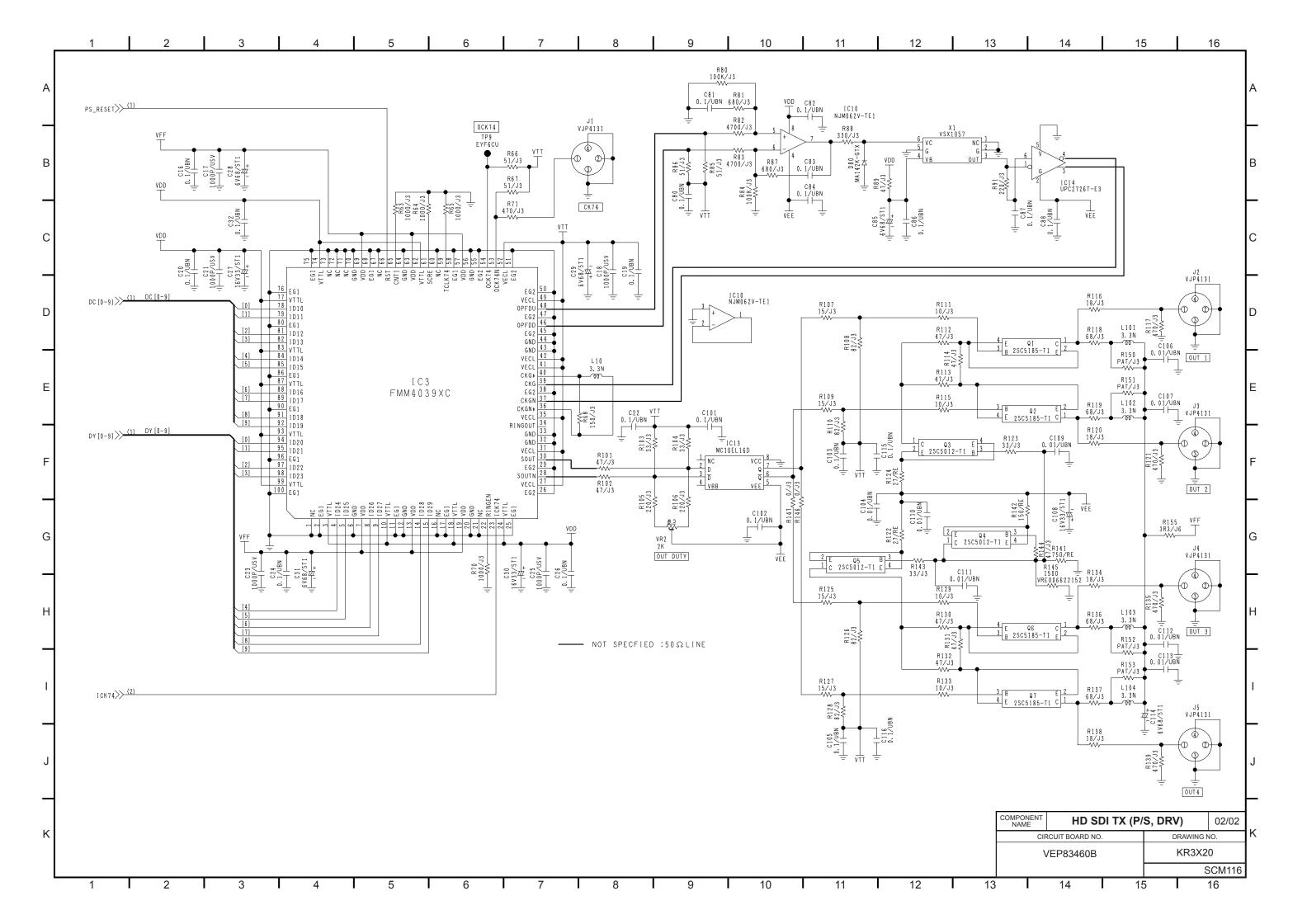


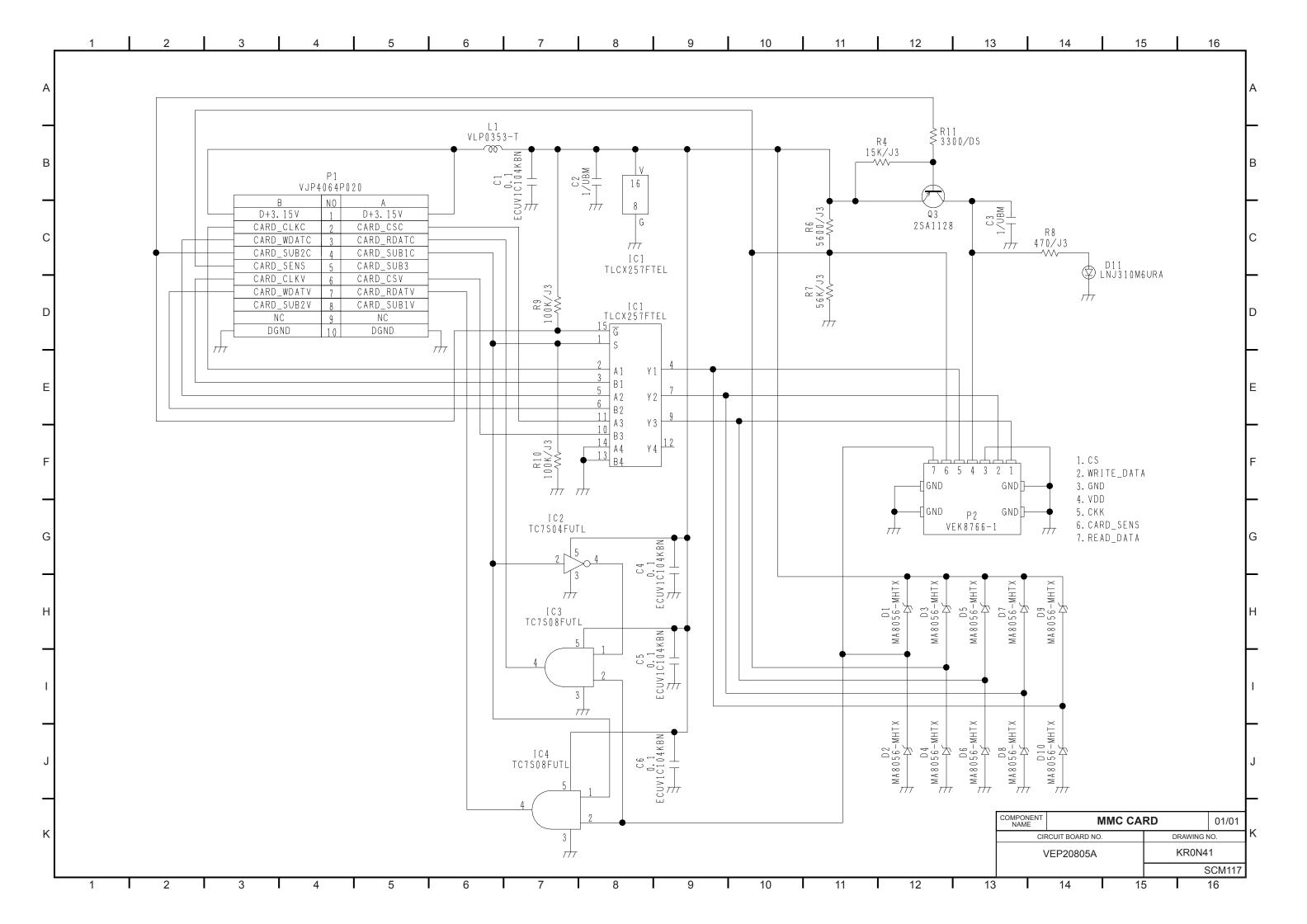


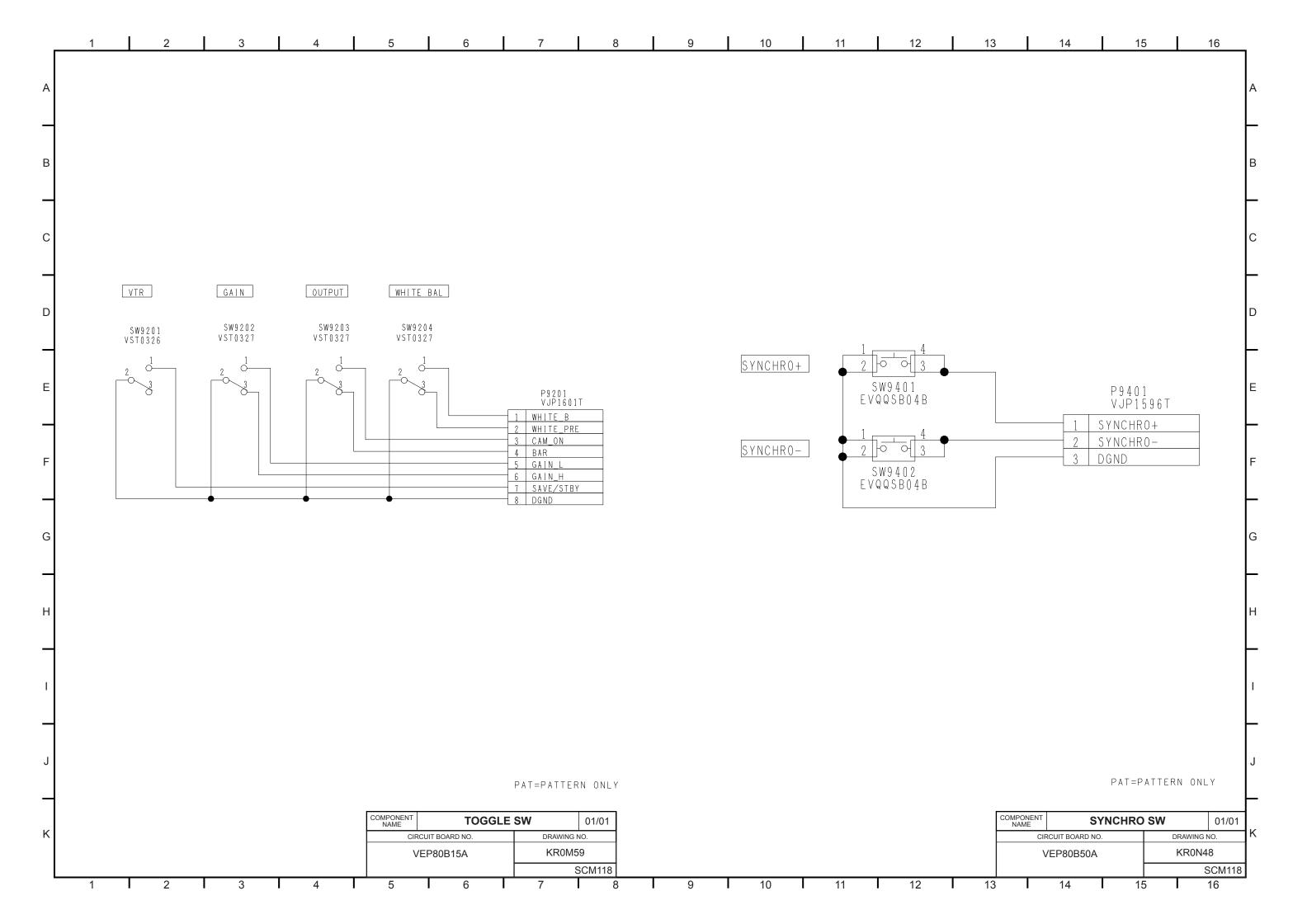


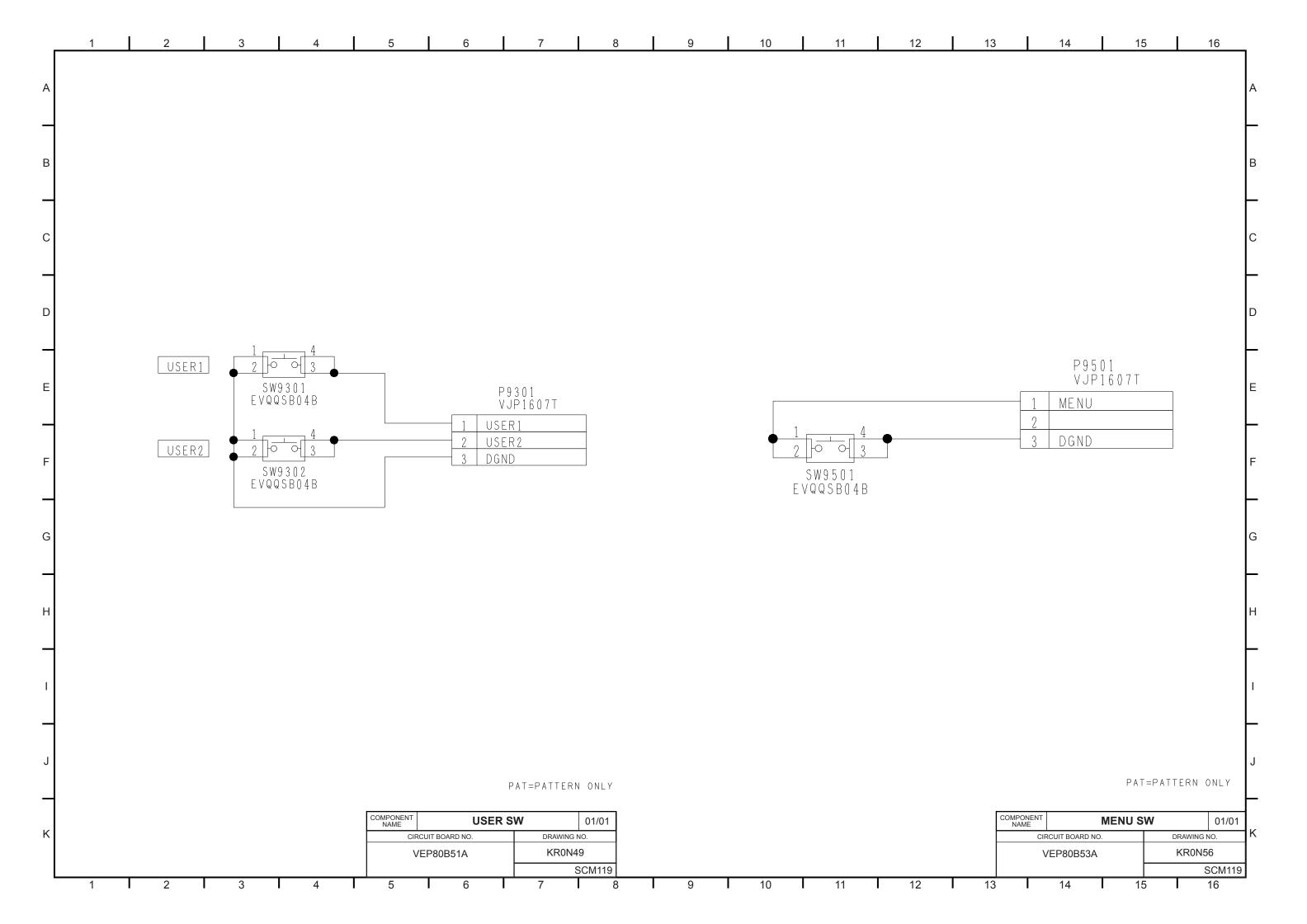


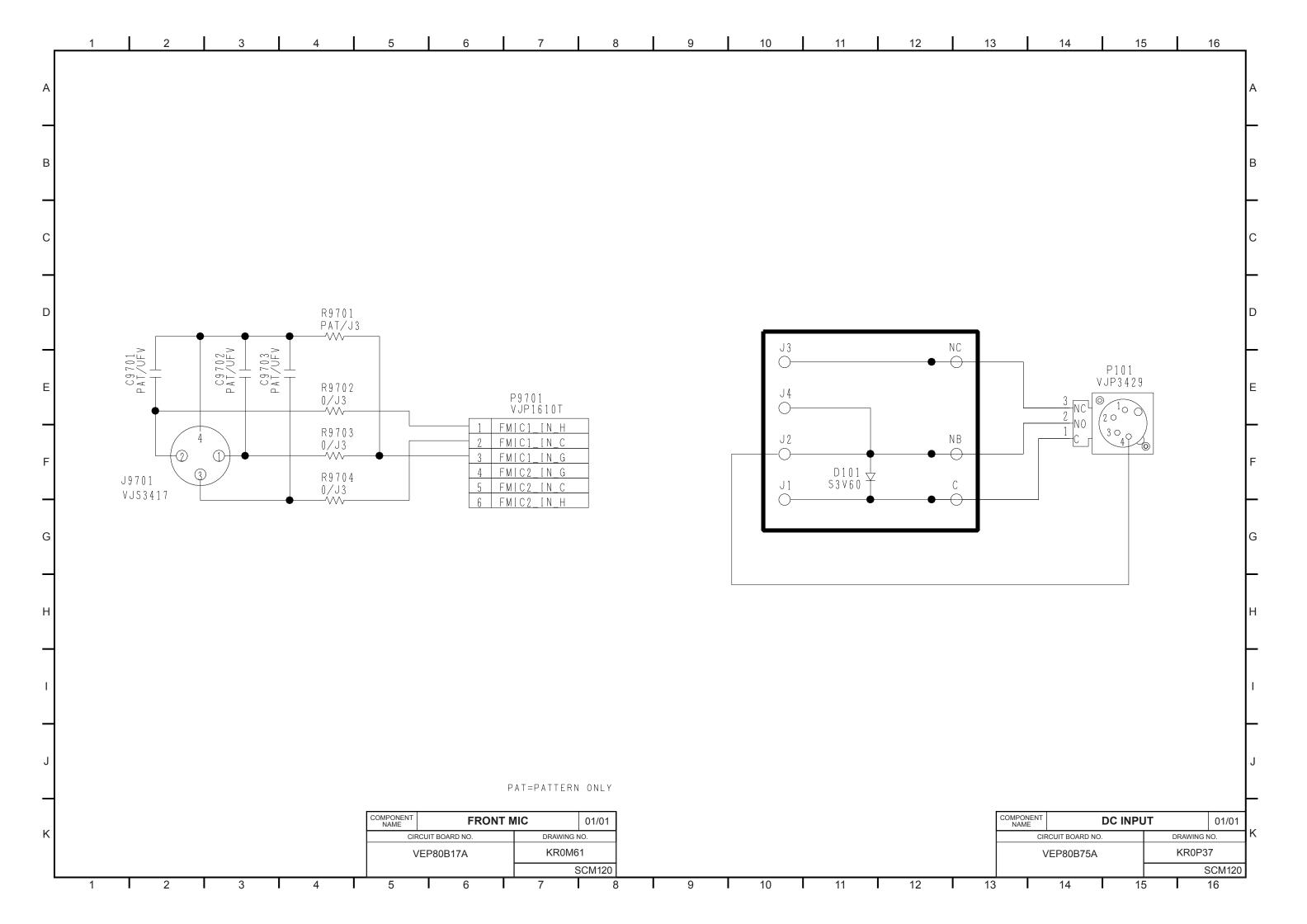


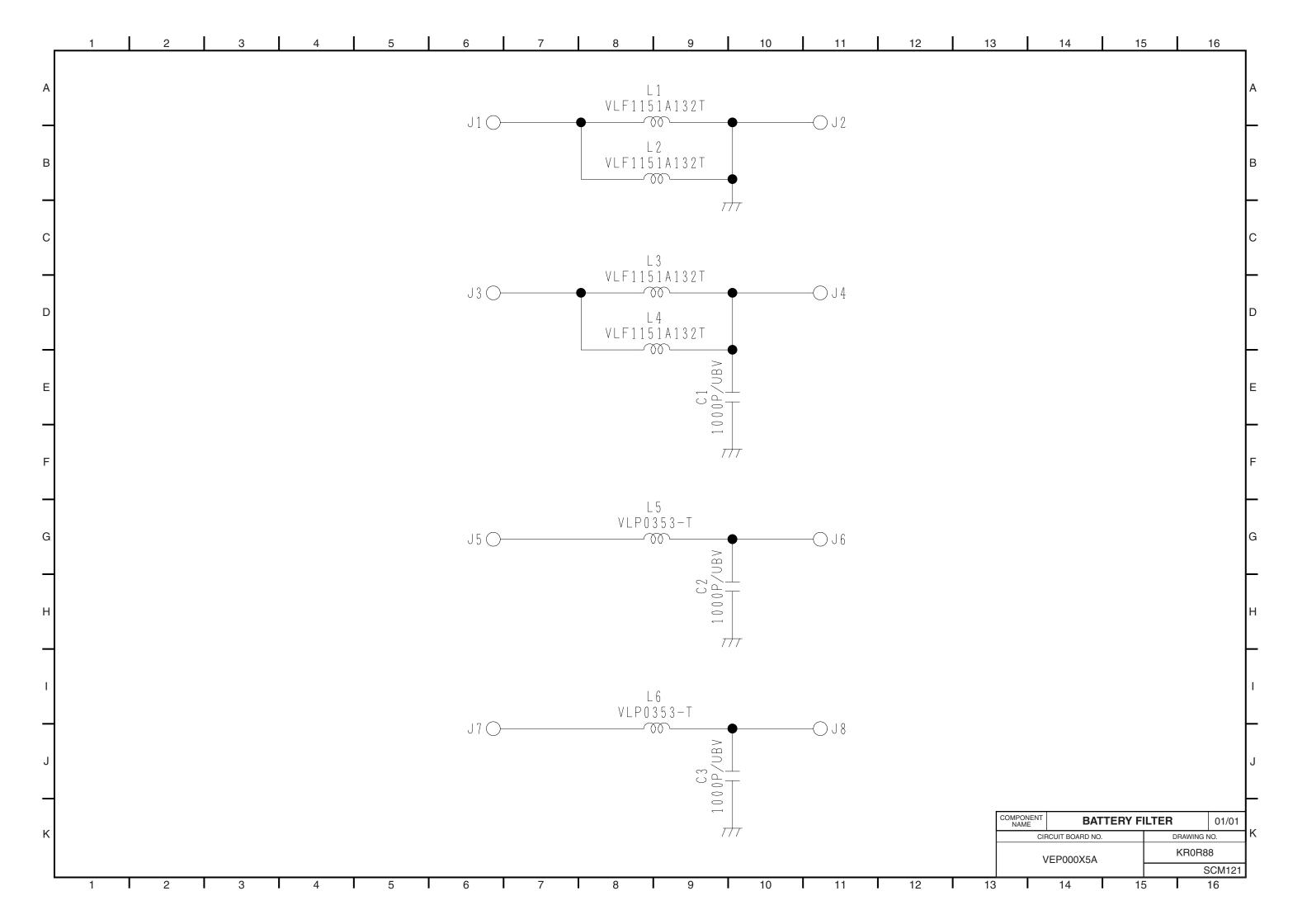












SECTION 7

CIRCUIT BOARD DIAGRAMS

NOTE:

BE SURE TO MAKE YOUR ORDERS OF REPLACEMENT PARTS ACCORDING TO PARTS LIST, SECTION 8

CAUTION

THE MARK INDICATES THE PRIMARY CIRCUIT TO DISTINGUISH THE PRIMARY FROM THE SECONDARY CIRCUIT.

PAY ATTENTION NOT TO RECEIVE AN ELECTRIC SHOCK DURING REPAIR AND SERVICE OF THE PRODUCTS.

IMPORTANT SAFETY NOTICE:

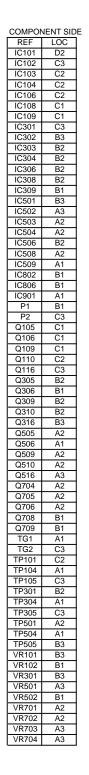
COMPONENTS IDENTIFIED WITH THE MARK \triangle HAVE THE SPECIAL CHARACTERISTICS FOR SAFETY. WHEN REPLACING ANY OF THESE COMPONENTS, USE ONLY THE SAME TYPE.

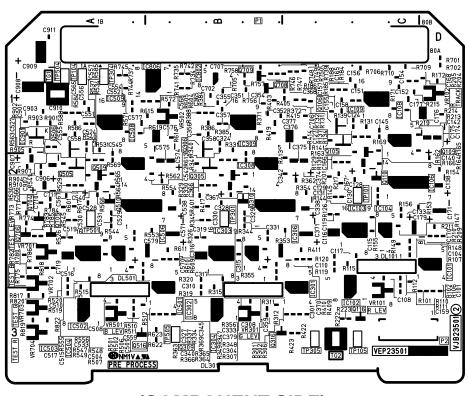
CONTENTS

PRE PROCESS P.C.BOARD (VEP23501A)	CBA-1
CAMERA SYSCON P.C.BOARD (VEP26234D)	CBA-2
DRIVE P.C.BOARD (VEP20798A)	CBA-3
VIDEO OUT P.C.BOARD (VEP23500A)	CBA-4
CCD PULSE P.C.BOARD (VEP20800C)	CBA-5
CAMERA MOTHER P.C.BOARD (VEP000G7A)	CBA-6
PRE AMP P.C.BOARD (VEP25119A)	CBA-7
CCD SENSOR P.C.BOARD (VEP20799A)	CBA-8
DSP 3 P.C.BOARD (VEP23509B)	CBA-10
RF EQ P.C.BOARD (VEP87104B)	
SERVO P.C.BOARD (VEP82224C)	CBA-14
VIDEO MAIN P.C.BOARD (VEP83462D)	CBA-16
AUDIO LCD P.C.BOARD (VEP84331C)	CBA-18
HEAD BUFF P.C.BOARD (VEP85179B)	CBA-20
VTR SYSCON P.C.BOARD (VEP86303D)	CBA-21
CUE P.C.BOARD (VEP84353A)	CBA-22
POWER MAIN P.C.BOARD (VEP81192B)	CBA-23
POWER SUB P.C.BOARD (VEP81204B)	CBA-24
FRONT TOGGLE P.C.BOARD (VEP80B16B)	CBA-25

JOG MENU P.C.BOARD (VEP80B52A)	CBA-25
VTR MOTHER P.C.BOARD (VEP80B10A)	CBA-26
MONITOR VR P.C.BOARD (VEP80B47A)	CBA-28
TOGGLE SW P.C.BOARD (VEP80B15A)	CBA-28
USER SW P.C.BOARD (VEP80B51A)	CBA-28
POWER SW P.C.BOARD (VEP80B49A)	CBA-28
SYNCHRO SW P.C.BOARD (VEP80B50A)	CBA-28
MENU SW P.C.BOARD (VEP80B53A)	CBA-28
SERVO FLEX P.C.BOARD (VEP80B38A)	CBA-29
REAR JACK P.C.BOARD (VEP80B13B)	CBA-29
REAR SW P.C.BOARD (VEP80B45A)	CBA-29
INT CONNECT P.C.BOARD (VEP20804A)	CBA-30
FRONT MIC P.C.BOARD (VEP80B17A)	CBA-30
HD SDLTX P.C.BOARD (VEP83460B)	CBA-31

PRE PROCESS P.C.BOARD (VEP23501A)





FOIL SIDE

LOC

D1

D2

D1

C2

B1

C3

A2

B2

A1

А3

B2

B1

C1

B1

B1

АЗ

A2

Α1

A1 C2

C2

C1

C1

B2

B2

B2

В1

R1

B1

C1

B2

A2

A2

A2

A2

A1

Α1

A1

B1

A2

A2

A2

C1

B1

В1

В1

A1

A1

A1

В1

REF

IC107

IC110

IC111

IC112

IC113

IC307

IC310

IC311

IC312

IC313

IC505

IC507

IC510

IC511

IC512

IC513

IC803

IC804

IC805

IC807

IC809

IC902

IC903

Q101

Q102

Q107

Q111

Q112

Q113

Q113

Q114

Q114

Q115

Q303

Q304

Q307

Q311

Q312

Q313

Q314

Q315

Q501

Q502

Q503

Q504

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Q514

Q701

Q702

Q703

Q707

Q710

Q711

Q712

Q713

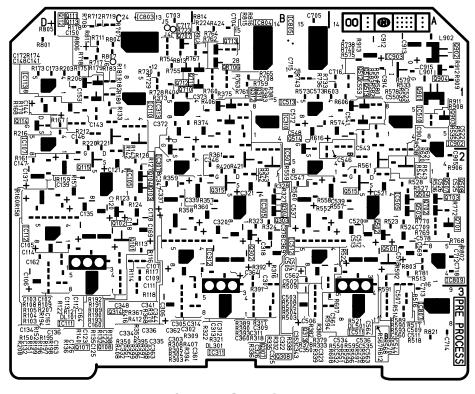
Q901

Q902

Q903 Q904

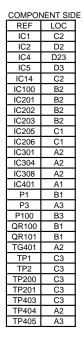
QR706

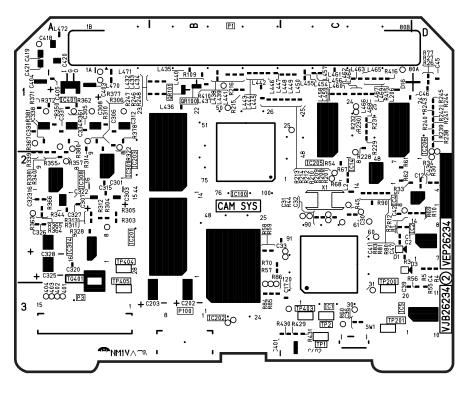
(COMPONENT SIDE)



(FOIL SIDE)

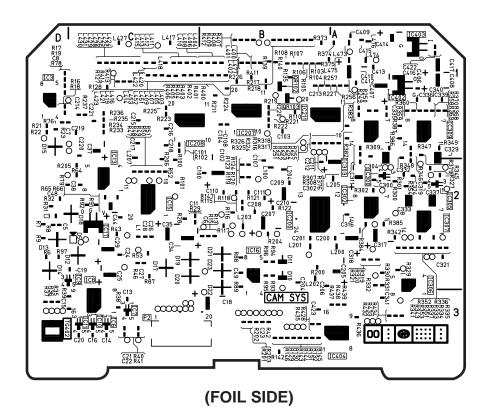
CAMERA SYSCON P.C.BOARD (VEP26234D)



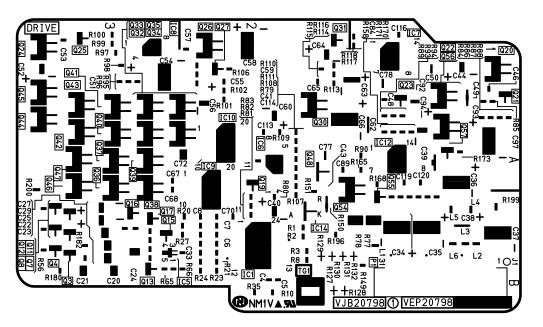


FOIL SIDE		
REF	LOC	
IC3	D1	
IC6	C3	
IC7	C3	
IC8	C3	
IC9	C2	
IC10	C3	
IC11	C3	
IC13	C2	
IC15	C2	
IC16	B2	
IC17	C2	
IC200	B2	
IC207	B1	
IC208	C1	
IC211	B1	
IC300	A2	
IC302	A2	
IC303	A1	
IC305	A2	
IC306	A2	
IC307	A2	
IC309	A1	
IC402	A1	
IC403	A1	
IC404	A3	
P2	C3	
QR102	B1	
QR103	B1	
TG402	D3	

(COMPONENT SIDE)

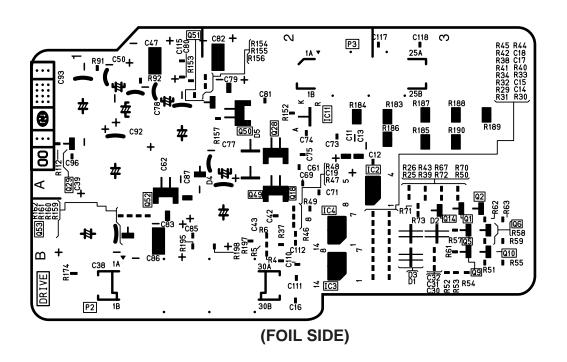


DRIVE P.C.BOARD (VEP20798A)



COMPONENT SIDE			
REF	LOC	REF	LOC
IC1	B2	Q26	A2
IC5	B3	Q27	A2
IC6	A2	Q30	A2
IC7	A1	Q31	A2
IC8	A3	Q32	A3
IC9	A2	Q33	A3
IC10	A2	Q34	A3
IC12	A1	Q35	A3
IC14	B2	Q36	A3
P1	B1	Q37	A3
Q3	B3	Q38	A3
Q4	B3	Q39	A3
Q7	B3	Q40	A3
Q8	B3	Q41	A3
Q11	B3	Q42	A3
Q12	B3	Q43	A3
Q13	В3	Q44	A3
Q15	В3	Q45	A3
Q16	B3	Q46	A3
Q17	B3	Q47	A3
Q19	A2	Q48	A2
Q20	A1	Q54	B2
Q21	A1	Q55	B1
Q22	A1	Q56	A1
Q23	A1	Q57	A1
Q24	A3	TG1	B2
Q25	A3		

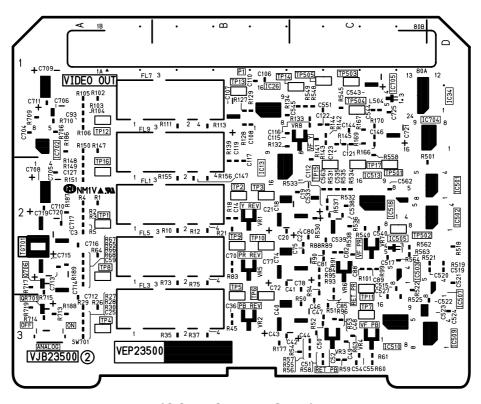
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FOIL SID	E		
REF	LOC	REF	LOC
IC2	A3	Q10	B3
IC3	B2	Q14	B3
IC4	B2	Q18	A2
IC11	A2	Q28	A2
P2	B1	Q29	A1
P3	A2	Q49	A2
Q1	B3	Q50	A2
Q2	B3	Q51	A2
Q5	B3	Q52	A1
Q6	B3	Q53	B1
Q9	B3		

VIDEO OUT P.C.BOARD (VEP23500A)

COMPO	NENT SIDE
REF	LOC
IC13	B2
IC26	B1
IC34	D1
	D2
IC501	
IC502	D2
IC503	C2
IC505	C2
IC507	D2
IC509	D3
IC510	C3
IC513	C2
IC518	C2
IC702	A1
IC704	D1
IC705	C1
P1	B1
Q706	A2
QR701	A3
TG701	A2
TP1	A2
TP2	
	B2
TP3	B2
TP4	A3
TP5	B3
TP6	B3
TP7	C3
TP8	A2
TP9	B2
TP10	B2
TP11	C2
TP12	A1
TP13	B1
TP14	C1
TP15	C2
TP16	A2
TP17	C2
TP501	C2
	02
TP502	C2
TP503	C1
TP504	C1
TP505	C1
VR1	B2
VR2	B3
VR3	C3
VR4	C3
VR5	B2
VR6	C2
VR7	C2
VR8	C1



FOIL SIDE

IC1

IC2

IC3

IC6

IC8

IC9

IC11

IC12

IC14

IC15

IC16 IC17 IC18

IC19

IC20 IC21

IC25

IC27

IC28

IC33 IC37 IC38

IC39

IC512

IC514

IC515

IC516

IC701 Q501

Q701

Q702

Q703

Q704 Q705 Q707

Q708

Q709 Q710

QR702

LOC

A2

B2 B2

АЗ

В3

ВЗ

В3

С3

С3

СЗ

A2 B2

B2

C2 C2

C2

C2

В1

C1

B1

C1 A2 C1

C2 C1

B1

D3

C2

C1

C1

D2

C2

A2

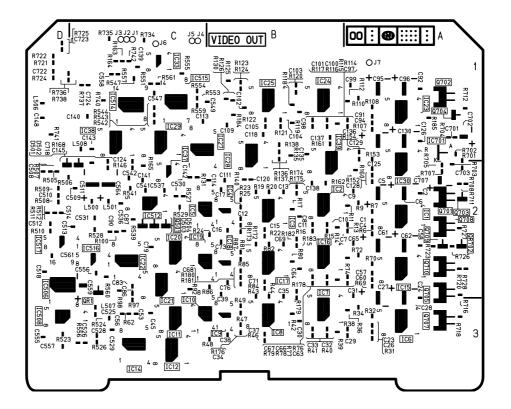
Α1

A2 A1

A3 A2 A2

A2

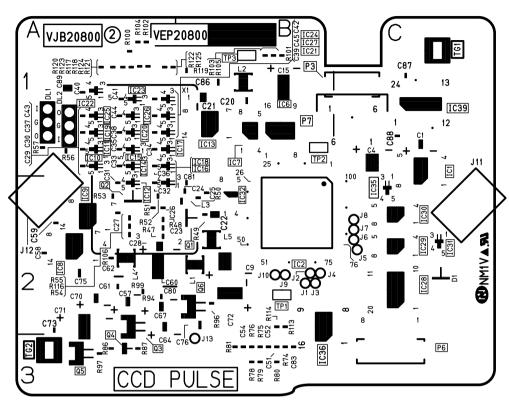
(COMPONENT SIDE)



(FOIL SIDE)

CCD PULSE P.C.BOARD (VEP20800C)

	NENT SID
REF	LOC
IC1	C1
IC2	B1
IC6	B1
IC7	B1
IC8	A2
IC9	A2
IC10	A1
IC11	A1
IC12	A2
IC13	B1
IC14	A1
	A1
$\overline{}$	
IC16	A2
IC17	A1
IC18	A1
IC19	A1
IC20	A1
IC21	A1
IC22	A2
$\overline{}$	
1020	A1
IC24	A1
IC25	A1
IC26	A1
IC27	A1
IC28	C2
IC29	C2
IC30	C2
IC31	C2
IC32	B1
IC35	C2
IC36	B1
IC39	C1
P3	C1
P6	C3
P7	C1
Q1	B2
-	
Q2	A2
Q3	A2
Q4	A3
Q5	A3
Q6	B2
TG1	C1
TG2	A3
TP1	B2
=	
$\overline{}$	B1
TP3	B1



FOIL SIDE

REF LOC

IC33 A3

IC34 A3

IC38 B1

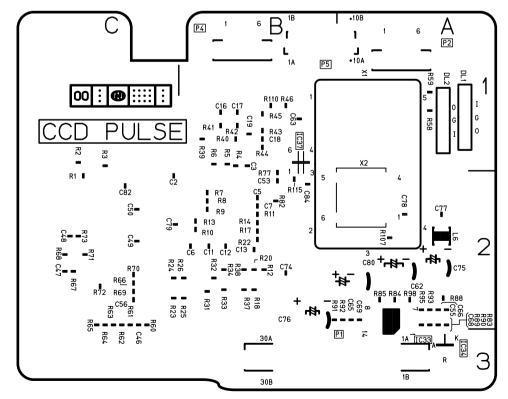
P1 A3

P2 A1

P4 B1

P5 B1

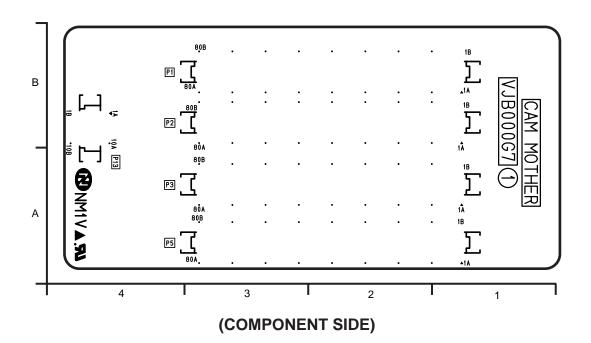
(COMPONENT SIDE)



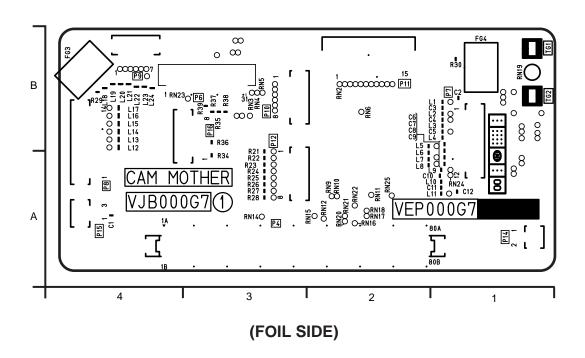
(FOIL SIDE)

CAMERA MOTHER P.C.BOARD (VEP000G7A)

COMPONENT SIDE							
REF	LOC						
P1	B3						
P2	B3						
P3	A3						
P5	A3						
P13	A1						



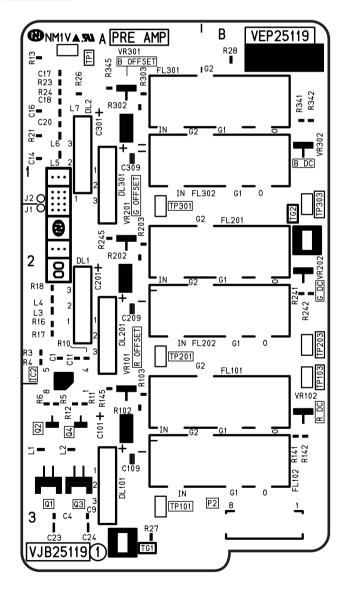
FOIL SIDE						
REF	LOC					
P4	A3					
P6	B3					
P7	B1					
P8	B4					
P9	B4					
P10	B3					
P11	B2					
P12	A3					
P14	A1					
P15	A4					
P16	B4					
TG1	B1					
TG2	B1					

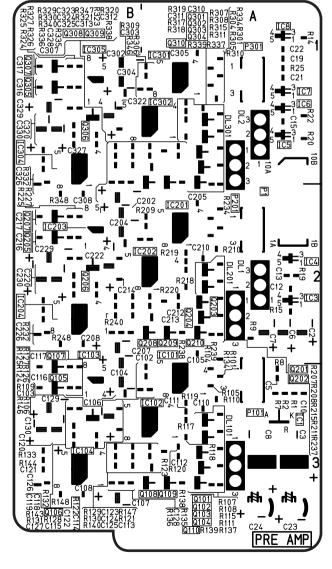


PRE AMP P.C.BOARD (VEP25119A)

COMPO	NENT SIDI
REF	LOC
IC2	A2
P2	B3
Q1	A3
Q2	A3
Q3	A3
Q4	A3
TG1	A3
TG2	B2
TP1	A1
TP101	A3
TP103	B2
TP201	A2
TP203	B2
TP301	A2
TP303	B2
VR101	A3
VR102	B3
VR201	A2
VR202	B2
VR301	A1
VR302	B1

REF LOC REF LOC REF LOC IC1 A3 IC304 B1 Q101 A3 IC3 A2 IC305 B1 Q102 A3 IC4 A2 P1 A2 Q103 A3 IC5 A1 P101 A3 Q104 A3 IC6 A1 P201 A2 Q105 B3 IC7 A1 P301 A1 Q106 B3 IC8 A1 Q101 A3 Q107 B3 IC101 A3 Q102 A3 Q108 A3 IC102 A3 Q103 A3 Q109 A3 IC103 B3 Q104 A3 Q110 A3 IC104 B3 Q105 B3 Q201 A2 IC201 A2 Q106 B3 Q202 A2 IC202 A2 Q107 B3 Q203 A2	FOIL SID	Ε				
IC3	REF	LOC	REF	LOC	REF	LOC
IC4	IC1	A3	IC304	B1	Q101	A3
IC5	IC3	A2	IC305	B1	Q102	A3
IC66	IC4	A2	P1	A2	Q103	A3
IC7	IC5	A1	P101	A3	Q104	A3
IC8	IC6	A1	P201	A2	Q105	B3
IC101	IC7	A1	P301	A1	Q106	B3
IC102	IC8	A1	Q101	A3	Q107	B3
IC103 B3 Q104 A3 Q110 A3 IC104 B3 Q105 B3 Q201 A2 IC201 A2 Q106 B3 Q202 A2 IC202 A2 Q107 B3 Q203 A2 IC202 A2 Q108 A3 Q204 A2 IC204 B2 Q109 A3 Q205 B2 IC301 A1 Q110 A3 Q206 B2 A3 Q206 A3 Q206 B2 A3 Q206 B2 A3 Q206 A3 Q306 A3 Q306	IC101	A3	Q102	A3	Q108	A3
IC104 B3 Q105 B3 Q201 A2 IC201 A2 Q106 B3 Q202 A2 IC202 A2 Q107 B3 Q203 A2 IC202 A2 Q108 A3 Q204 A2 IC204 B2 Q109 A3 Q205 B2 IC301 A1 Q110 A3 Q206 B2	IC102	A3	Q103	A3	Q109	A3
IC201 A2 Q106 B3 Q202 A2 IC202 A2 Q107 B3 Q203 A2 IC203 B2 Q108 A3 Q204 A2 IC204 B2 Q109 A3 Q205 B2 IC301 A1 Q110 A3 Q206 B2	IC103	B3	Q104	A3	Q110	A3
IC202 A2 Q107 B3 Q203 A2 IC203 B2 Q108 A3 Q204 A2 IC204 B2 Q109 A3 Q205 B2 IC301 A1 Q110 A3 Q206 B2	IC104	B3	Q105	B3	Q201	A2
IC203 B2 Q108 A3 Q204 A2 IC204 B2 Q109 A3 Q205 B2 IC301 A1 Q110 A3 Q206 B2	IC201	A2	Q106	B3	Q202	A2
IC204 B2 Q109 A3 Q205 B2 IC301 A1 Q110 A3 Q206 B2	IC202	A2	Q107	B3	Q203	A2
IC301 A1 Q110 A3 Q206 B2	IC203	B2	Q108	A3	Q204	A2
	IC204	B2	Q109	A3	Q205	B2
IC302 A2 C201 A2 C207 B2	IC301	A1	Q110	A3	Q206	B2
1 .0002 Q201 A2 Q201 D2	IC302	A2	Q201	A2	Q207	B2

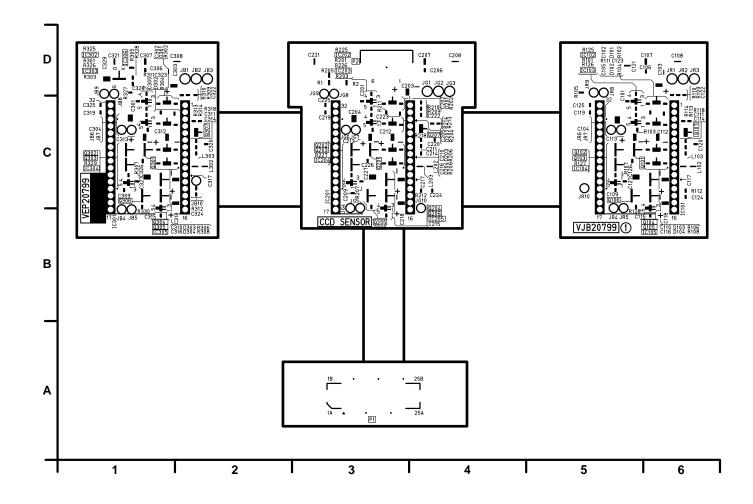




(COMPONENT SIDE)

CCD SENSOR P.C.BOARD (VEP20799A)

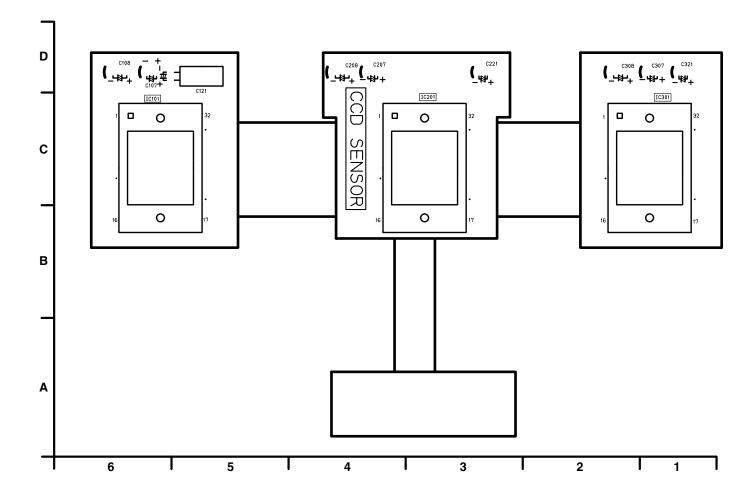
COMPONENT SIDE							
REF	LOC	REF	LOC				
IC101	C5	Q103	C5				
IC102	C5	Q104	C6				
IC103	C5	Q105	C6				
IC104	C5	Q106	C5				
IC105	C6	Q107	C6				
IC201	C3	Q201	C3				
IC202	C3	Q202	C3				
IC203	C3	Q203	C3				
IC204	C3	Q204	C3				
IC205	C3	Q205	C3				
IC301	C1	Q206	C3				
IC302	C1	Q207	C4				
IC303	C1	Q301	C1				
IC304	C1	Q302	C1				
IC305	C1	Q303	C1				
IC306	D1	Q304	C1				
P1	A3	Q305	C1				
P2	D3	Q306	C1				
Q101	C5	Q307	C2				
Q102	C5						



(COMPONENT SIDE)

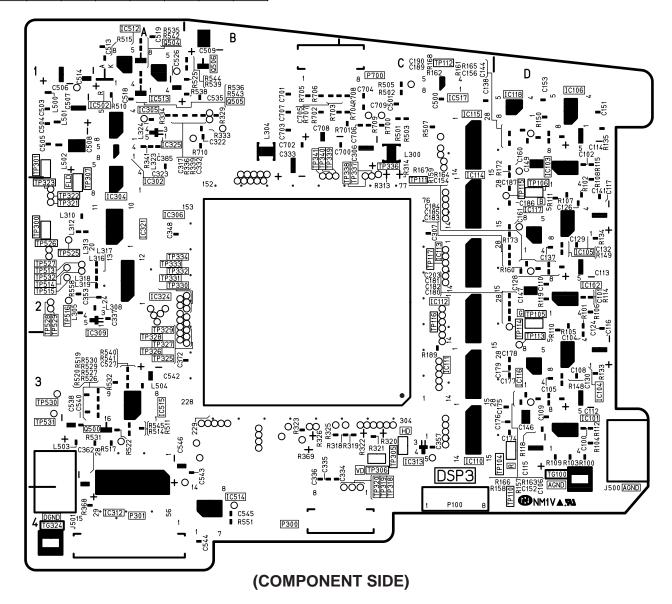
CCD SENSOR P.C.BOARD (VEP20799A)

FOIL SIDE							
REF	LOC						
IC101	C5						
IC201	C3						
IC301	C1						



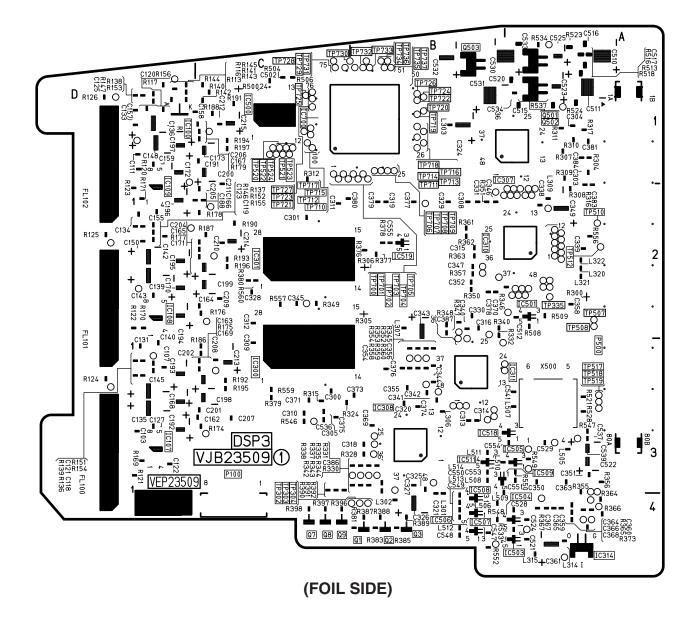
DSP 3 P.C.BOARD (VEP23509B)

COMPONENT SIDE							
REF	LOC	REF	LOC	REF	LOC	REF	LOC
IC101	D3	IC512	A1	TP117	C2	TP339	B1
IC102	D2	IC513	A1	TP300	A2	TP340	B1
IC103	D1	IC514	B4	TP301	A1	TP341	B1
IC104	D3	IC515	А3	TP305	C3	TP513	A2
IC105	D2	IC517	C1	TP306	C3	TP514	A2
IC106	D1	P300	B4	TP307	A2	TP515	A2
IC110	C3	P301	A4	TP318	C3	TP516	A2
IC111	C3	P700	C1	TP319	C3	TP525	A2
IC112	C2	Q500	A3	TP320	C3	TP526	A2
IC113	C2	Q504	A1	TP321	A2	TP527	A2
IC114	C2	Q505	A1	TP322	A2	TP528	A2
IC115	C1	Q506	B1	TP323	A2	TP529	A2
IC116	D3	TG100	D3	TP325	В3	TP530	A3
IC117	D2	TG312	A4	TP326	A3	TP531	A3
IC118	D1	TG324	A4	TP327	В3	TP532	A2
IC302	A1	TP104	D3	TP328	A3		
IC304	A2	TP105	D2	TP329	B2		
IC305	A1	TP106	D2	TP330	B2		
IC306	B2	TP110	D3	TP331	A2		
IC309	A2	TP111	D2	TP332	B2		
IC313	C3	TP112	C1	TP333	A2		
IC321	A2	TP113	D3	TP334	B2		
IC324	A2	TP114	D2	TP336	C1		
IC325	A1	TP115	D2	TP337	C1		
IC502	A1	TP116	C2	TP338	C1		



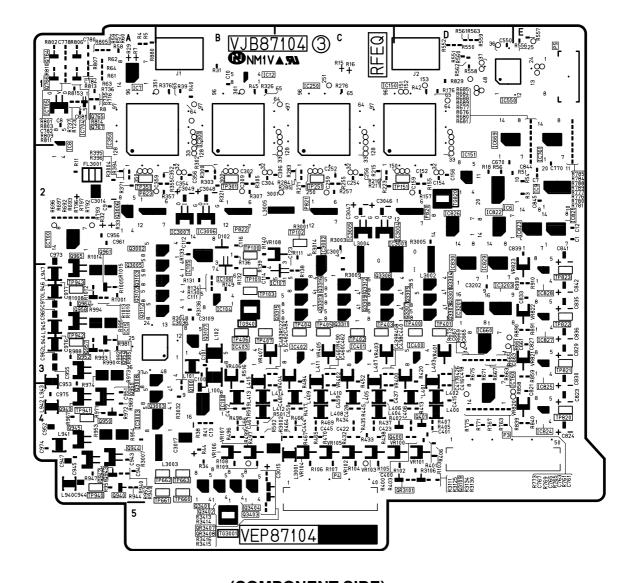
DSP 3 P.C.BOARD (VEP23509B)

FOIL SID	E						
REF	LOC	REF	LOC	REF	LOC	REF	LOC
IC100	D1	Q2	B4	TP701	B1	TP730	C1
IC107	D3	Q3	B4	TP702	B1	TP731	C1
IC108	D2	Q7	C4	TP703	B1	TP732	B1
IC109	D1	Q8	C4	TP704	B1	TP733	B1
IC300	C3	Q9	C4	TP705	B1	TP734	B1
IC301	C2	Q501	A1	TP706	B1	TP735	B1
IC307	A1	Q502	A1	TP707	B1	TP736	B1
IC308	В3	Q503	B1	TP708	B1	TP737	B1
IC310	A2	TP302	B4	TP709	B1		
IC311	В3	TP303	B4	TP711	B1		
IC314	A4	TP304	B4	TP713	B1		
IC500	C1	TP335	A2	TP714	B1		
IC501	A2	TP507	A2	TP716	B1		
IC503	A4	TP508	A2	TP718	B1		
IC504	A4	TP510	A2	TP719	B1		
IC505	А3	TP512	A2	TP720	B1		
IC506	B4	TP517	А3	TP721	C1		
IC507	B4	TP518	А3	TP722	B1		
IC508	B4	TP519	А3	TP723	C1		
IC511	B3	TP520	C1	TP724	B1		
IC518	B3	TP521	C1	TP725	C1		
IC519	B2	TP522	C1	TP726	B1		
IC700	B1	TP523	C1	TP727	C1		
P500	А3	TP524	C1	TP728	C1		
Q1	B4	TP700	B1	TP729	C1	The state of the s	



RF EQ P.C.BOARD (VEP87104B)

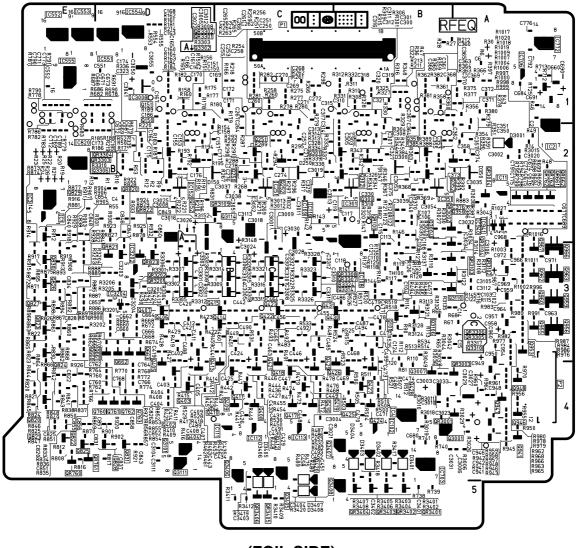
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REF	LOC	REF	LOC	REF	LOC	REF	LOC	REF	LOC	REF	LOC	REF	LOC
IC6	D2	IC3003	B4	IC829	D2	Q952	A3	Q3308	C3	TP400	D3	VR103	C4
IC7	A1	IC3004	C2	IC830	D2	Q957	A3	Q3309	C3	TP401	D3	VR104	C4
IC8	A1	IC3005	C2	P3	D4	Q958	A3	Q3312	C3	TP402	C3	VR105	C4
IC9	E2	IC3006	B2	P4	C4	Q961	A3	Q3313	C3	TP403	C3	VR106	B4
IC12	B1	IC3007	B2	P5	E1	Q964	A3	Q3315	C3	TP404	C3	VR107	B4
IC15	A3	IC3201	D3	P820	D2	Q965	A2	Q3316	C3	TP405	C3	VR108	B2
IC100	B4	IC3203	D3	P821	C2	Q3002	B2	Q3401	B4	TP406	B3	VR400	D3
IC104	B3	IC660	D3	P822	B2	Q3003	B4	Q3402	B4	TP407	B3	VR401	D3
IC105	B2	IC669	D1	P823	A2	Q3005	B3	Q3403	B4	TP660	B4	VR402	C3
IC106	B3	IC669	D2	Q100	B4	Q3006	A2	Q3404	B4	TP661	B4	VR403	C3
IC107	C3	IC700	A2	Q600	D4	Q3006	A2	QR3101	D4	TP662	B4	VR404	C3
IC150	D1	IC704	A1	Q601	D4	Q3008	A3	QR3407	B4	TP663	B4	VR405	C3
IC151	D2	IC705	A1	Q764	A1	Q3102	B3	QR3408	B4	TP820	E4	VR406	B3
IC250	C1	IC760	D4	Q765	A1	Q3103	B3	TG3001	B5	TP821	E3	VR407	B3
IC300	B1	IC761	E1	Q766	A1	Q3107	B3	TG820	D2	TP822	E3	VR821	E3
IC350	A1	IC821	E2	Q940	A4	Q3109	D4	TG940	В3	TP823	E3	VR822	E3
IC400	D3	IC822	D2	Q943	A4	Q3112	B3	TP100	B2	TP940	A4	VR823	E2
IC401	C3	IC823	E2	Q944	B4	Q3112	C3	TP101	В3	TP941	A4		
IC402	C3	IC824	E4	Q945	A4	Q3301	D3	TP103	В3	TP942	А3		
IC403	B3	IC825	E3	Q947	A4	Q3303	D3	TP151	D2	TP943	А3		
IC550	D1	IC826	D2	Q949	A4	Q3304	D3	TP251	C2	VR100	D4		
IC3001	D2	IC827	E3	Q950	A4	Q3305	C3	TP301	B2	VR101	D4		
IC3002	C2	IC828	E3	Q951	A4	Q3307	C3	TP351	A2	VR102	C4		



(COMPONENT SIDE)

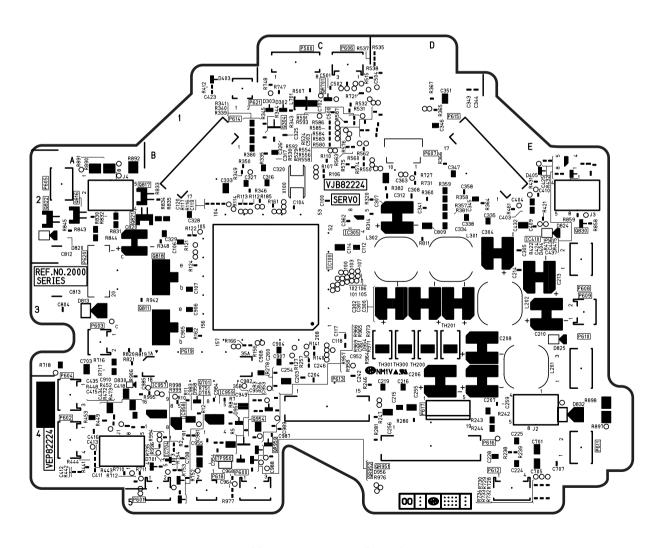
RF EQ P.C.BOARD (VEP87104B)

FOIL SID	E												
REF	LOC	REF	LOC	REF	LOC	REF	LOC	REF	LOC	REF	LOC	REF	LOC
IC1	E2	IC772	A1	Q603	D4	Q628	B4	Q831	D4	Q3306	C3	QR3306	C3
IC2	A2	IC820	E2	Q604	D4	Q629	B4	Q941	A4	Q3310	C3	QR3307	C3
IC3	E2	IC940	A2	Q605	D4	Q630	B3	Q946	A4	Q3314	C3	QR3401	B5
IC4	B4	IC941	A2	Q606	D3	Q631	B3	Q947	A4	Q3405	C5	QR3402	B5
IC11	A2	IC3008	D1	Q607	D3	Q660	D3	Q948	A4	Q3406	C4	QR3403	B5
IC102	B4	IC3202	D3	Q608	C4	Q661	D3	Q953	A3	Q3407	B4	QR3404	B4
IC108	B2	IC3204	D3	Q609	C4	Q662	D3	Q955	A3	Q3408	B4	QR3405	C5
IC109	C2	P1	C1	Q612	C4	Q663	D3	Q956	A3	QR100	B2	QR3406	C5
IC110	C2	P2	A4	Q613	D4	Q760	D4	Q959	A3	QR3002	B2	QR661	A2
IC111	C4	Q61	C4	Q614	C3	Q761	D4	Q960	A3	QR3004	A2	QR662	A2
IC112	C4	Q101	В3	Q615	СЗ	Q762	D4	Q962	A3	QR3102	B3	QR760	E4
IC113	C4	Q125	D2	Q616	C4	Q763	D4	Q963	A3	QR3103	B3	QR761	E4
IC152	D2	Q150	D2	Q617	C4	Q820	E4	Q966	A3	QR3109	C2	QR762	A2
IC251	C2	Q151	D2	Q618	C4	Q821	E4	Q967	A3	QR3201	D3	QR763	A2
IC301	B2	Q250	C2	Q619	C4	Q822	E4	Q3001	B4	QR3202	D3	QR821	D3
IC351	B2	Q251	C2	Q620	C4	Q823	E3	Q3004	B3	QR3301	A4	QR822	D2
IC551	D1	Q301	B2	Q621	C4	Q824	E3	Q3004	B2	QR3301	D3	QR822	D3
IC552	E1	Q302	B2	Q622	C3	Q825	E4	Q3101	D4	QR3302	D3	QR823	D3
IC553	E1	Q252	C2	Q623	C3	Q826	E3	Q3106	B3	QR3302	C3		
IC554	D1	Q350	B2	Q624	B4	Q827	E3	Q3110	B3	QR3303	A4		
IC555	E1	Q351	B2	Q625	B4	Q828	D4	Q3111	D4	QR3303	C3		
IC703	B4	Q352	B2	Q626	B4	Q829	E2	Q3114	C2	QR3305	C3		
IC706	A1	Q602	D4	Q627	B4	Q830	E3	Q3302	D3	QR3305	C3		



SERVO P.C.BOARD (VEP82224C)

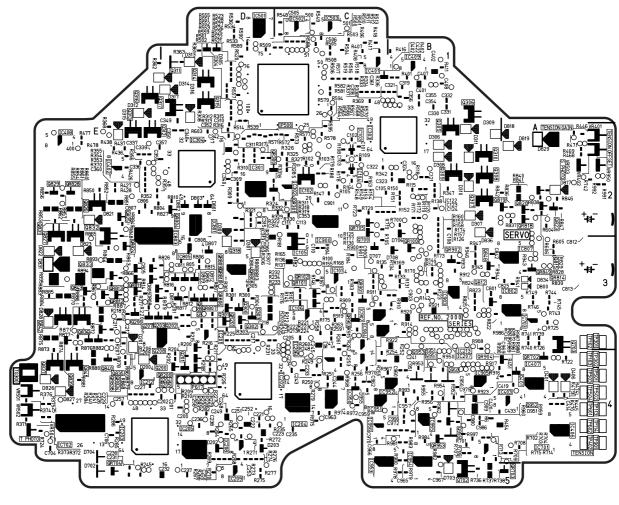
COMPONENT SIDE							
REF	LOC	REF	LOC				
IC2100	C3	P2615	D1				
IC2305	C2	P2616	D4				
IC2410	E2	P2617	D4				
IC2704	B4	P2618	B4				
IC2957	B4	P2619	B3				
IC2958	B4	P2620	A2				
IC2959	B4	P2621	B1				
P2500	C1	Q2304	C1				
P2600	B4	Q2701	B4				
P2601	B4	Q2811	B3				
P2602	A4	Q2816	A2				
P2603	A3	Q2817	A2				
P2604	A4	Q2818	B3				
P2605	A2	Q2821	A2				
P2606	C1	Q2822	A2				
P2607	D1	Q2830	E2				
P2608	E2	Q2954	B4				
P2609	E3	QR2701	C1				
P2610	E3	QR2950	C4				
P2611	E4	QR2951	C4				
P2612	E4	RQ2952	B4				
P2613	C4	TP2950	B4				
P2614	B1						



(COMPONENT SIDE)

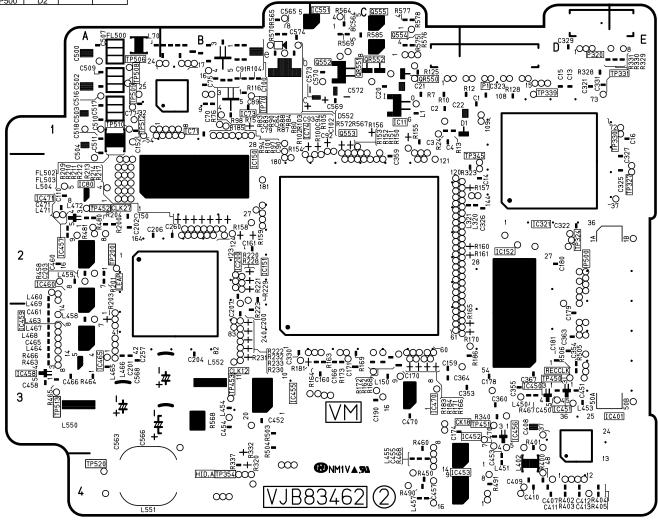
SERVO P.C.BOARD (VEP82224C)

FOIL SID	E								
REF	LOC	REF	LOC	REF	LOC	REF	LOC	REF	LOC
IC2101	C3	IC2703	A3	Q2306	B1	Q2842	E3	QR2953	B4
IC2102	C2	IC2801	D2	Q2307	B2	Q2843	E3	QR702	A4
IC2103	C2	IC2802	A3	Q2308	B2	Q2856	E2	QR705	C2
IC2104	C2	IC2803	D2	Q2309	B2	Q2950	B4	QR814	A3
IC2105	C3	IC2805	D3	Q2310	B2	Q2951	B4	QR849	A3
IC2109	C3	IC2807	А3	Q2311	D1	Q2952	A4	TG2300	E4
IC2201	D3	IC2831	E2	Q2312	E2	Q2953	B4	TP2102	А3
IC2202	D4	IC2900	C2	Q2313	E2	Q2955	B4	TP2103	A4
IC2203	E4	IC2902	C3	Q2314	D1	QR2100	В3	TP2113	A4
IC2204	C4	IC2903	В3	Q2315	D1	QR2101	C3	TP2114	A4
IC2205	D4	IC2904	C3	Q2316	E1	QR2102	C3	TP2301	A3
IC2206	C4	IC2905	B4	Q2317	D1	QR2200	D4	TP2302	A4
IC2207	C4	IC2950	C4	Q2318	D3	QR2201	D3	TP2402	A4
IC2208	D4	IC2951	C4	Q2401	A4	QR2300	D2	TP2501	A4
IC2209	D5	IC2952	B4	Q2700	C2	QR2301	C2	TP2502	A4
IC2212	E4	IC2953	C4	Q2702	B5	QR2703	A5	TP2503	A4
IC2213	C4	IC2954	B4	Q2703	A3	QR2704	D5	TP2504	A4
IC2301	D2	IC2955	B4	Q2815	A2	QR2804	D2	TP2601	A4
IC2302	C2	IC2956	C4	Q2819	A2	QR2805	D3	TP2602	A4
IC2303	B2	IP2500	C1	Q2820	A2	QR2806	D3	TP2901	A4
IC2304	D2	Q2200	D4	Q2823	A2	QR2807	D3	VR2401	A2
IC2401	C1	Q2201	D4	Q2824	E3	QR2808	D3	VR2402	A2
IC2402	E2	Q2202	D3	Q2825	E2	QR2809	D3	VR2501	E4
IC2403	A4	Q2203	E3	Q2827	E2	QR2810	D3	VR2502	E4
IC2406	A4	Q2204	D4	Q2828	E2	QR2811	E3	VR2504	E4
IC2407	A4	Q2205	D4	Q2829	E2	QR2813	E3		
IC2408	E2	Q2206	E3	Q2832	E2	QR2818	A2		
IC2409	B1	Q2207	E3	Q2833	E3	QR2834	E3		
IC2501	D1	Q2300	D3	Q2835	E3	QR2838	E3		
IC2502	C1	Q2301	D3	Q2836	E3	QR2901	C3		
IC2503	C1	Q2302	D3	Q2837	E4	QR2902	В3		
IC2701	A4	Q2303	D3	Q2840	E4	QR2903	C3		
IC2702	E4	Q2305	B2	Q2841	E4	QR2904	B4		



VIDEO MAIN P.C.BOARD (VEP83462D)

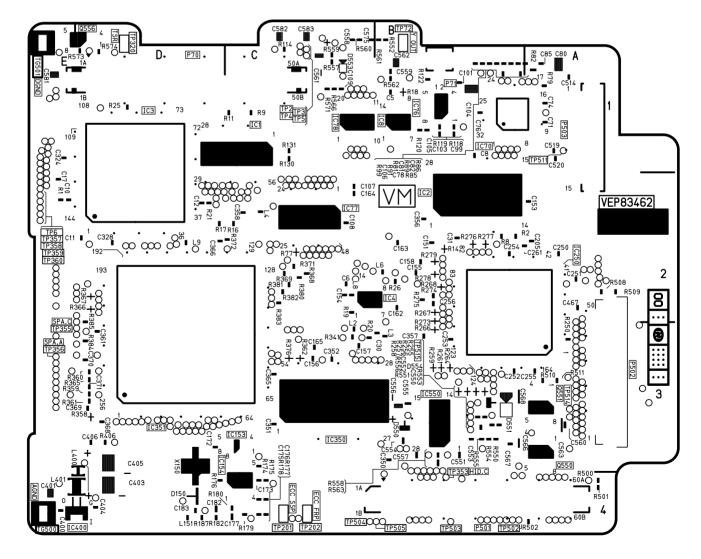
COMPONENT SIDE					
REF	EF LOC REF L				
IC11	C1	Q552	C1		
IC71	B1	Q553	B1		
IC73	B1	Q554	C1		
IC74	B1	Q555	C1		
IC80	A2	QR550	C1		
IC150	B2	QR551	C1		
IC151	C2	QR552	C1		
IC152	D2	TP70	B1		
IC200	B2	TP200	A2		
IC321	D2	TP324	D2		
IC401	D3	TP327	E2		
IC450	D3	TP330	E1		
IC451	D3	TP331	D1		
IC452	D3	TP339	D1		
IC453	D4	TP345	D2		
IC455	В3	TP354	В3		
IC456	D3	TP450	D3		
IC457	A2	TP451	D3		
IC458	A3	TP452	A2		
IC459	A3	TP453	В3		
IC460	A2	TP506	A1		
IC465	A3	TP508	A1		
IC470	C3	TP509	A1		
IC471	A2	TP510	A1		
IC551	C1	TP512	A1		
P1	D1	TP513	A3		
P320	D1	TP520	A4		
P500	D2				



(COMPONENT SIDE)

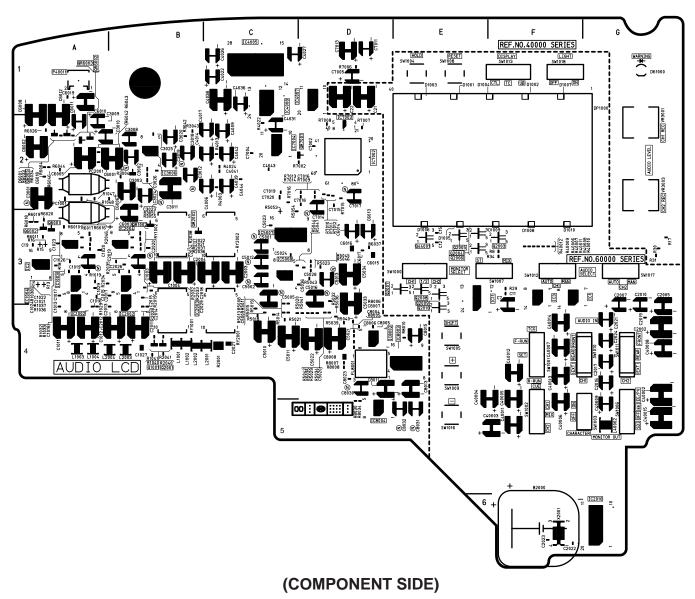
VIDEO MAIN P.C.BOARD (VEP83462D)

FOIL SID	E		
REF	LOC	REF	LOC
IC1	C1	TG501	E1
IC2	B2	TP2	C1
IC4	C2	TP4	C1
IC8	B1	TP5	C1
IC70	B1	TP6	E2
IC76	B1	TP72	B1
IC77	C2	TP201	C4
IC78	C1	TP202	C4
IC153	C3	TP320	D1
IC154	C4	TP353	B3
IC350	A2	TP353	C1
IC350	C3	TP355	E3
IC350	D1	TP356	E3
IC351	D3	TP357	E2
IC400	E4	TP358	E2
IC550	В3	TP359	E2
P70	D1	TP360	E2
P71	B1	TP502	B4
P501	B4	TP503	B4
P502	A3	TP504	C4
P503	A1	TP505	B4
Q550	А3	TP511	A1
Q551	A3	TP514	A3
Q556	D1	TP515	В3
TG500	E4		



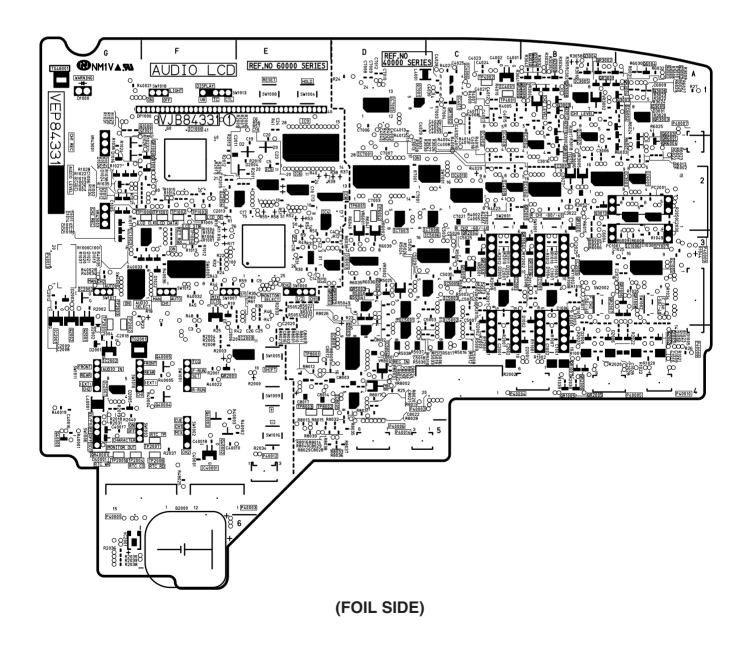
AUDIO LCD P.C.BOARD (VEP84331C)

COMPONENT SIDE					
REF	LOC	REF	LOC		
IC41002	А3	P40011	A1		
IC41003	А3	Q41001	B4		
IC41004	А3	Q42001	B4		
IC42002	B3	Q46001	A3		
IC42003	В3	Q46002	A3		
IC42004	В3	Q46005	A2		
IC43006	B2	Q62003	F3		
IC44002	А3	Q62004	E3		
IC44005	C1	Q62005	E3		
IC44007	D1	Q62006	E3		
IC44008	C1	Q62007	E3		
IC45007	C3	Q62008	E3		
IC45008	C3	Q62009	E3		
IC47002	D2	Q62010	E3		
IC47003	D2	Q64001	E3		
IC47004	C2	QR41002	B3		
IC48002	D4	QR42002	B3		
IC48003	E4	QR46002	A1		
IC48004	D5	QR46003	A1		
IC60001	F3	QR47001	D2		
IC60003	F3	VR3001	2G		
IC60011	E3	VR3003	2G		
IC62010	G6				



AUDIO LCD P.C.BOARD (VEP84331C)

FOIL SIDE													
REF	LOC	REF	LOC	REF	LOC	REF	LOC	REF	LOC	REF	LOC	REF	LOC
IC40001	F5	IC45002	C4	IC61002	F3	Q40004	F4	Q46004	A1	QR43005	B2	TP61001	F2
IC41001	B3	IC45003	C3	IC62001	F3	Q40005	F4	Q47001	D1	QR43006	B1	TP61002	F2
IC41005	A3	IC45005	C3	IC62002	F4	Q43001	A1	Q61000	G2	QR43007	B2	TP61003	F2
IC41006	A3	IC45006	C3	IC62003	F3	Q43001	B2	Q61001	G2	QR43008	B2	TP61004	F3
IC41007	A3	IC46001	A2	IC62007	F4	Q43002	A1	Q62001	F3	QR45001	D3	TP62001	F4
IC42001	C3	IC46002	A1	IC62009	E4	Q43002	B2	Q62002	F3	QR45002	D3	TP62002	F4
IC42005	B3	IC46003	D3	P40001	F5	Q43003	A1	QR40001	F5	QR45003	D3	TP62003	F3
IC43001	A2	IC47001	D2	P40002	D4	Q43004	B2	QR41001	B2	QR46001	A2	TP62004	F5
IC43001	B2	IC47005	D1	P40003	E5	Q43005	A1	QR41003	B3	QR46004	A2	TP62005	F5
IC43002	B2	IC47007	D2	P40004	C4	Q43005	B2	QR41004	B3	QR47002	C2	TP62006	F5
IC43003	B2	IC47008	C2	P40005	B2	Q43006	A1	QR41005	B4	QR62001	F4	TP62007	F5
IC43004	B2	IC48001	D4	P40006	D5	Q43007	B2	QR41006	A3	SW41002	А3	VC62001	F6
IC43005	B2	IC48002	D4	P40007	A1	Q43008	B2	QR41007	А3	TG48001	G1	VR43002	B2
IC44001	C1	IC48005	D4	P40008	A4	Q43010	B2	QR41007	B4	TG62001	F4	VR43004	B2
IC44002	C2	IC60002	E3	P40009	A3	Q43011	B2	QR41008	A3	TP44001	C1	VR43005	B2
IC44003	C2	IC60004	E2	P40010	A4	Q43012	B2	QR42001	B2	TP44002	C1	VR43006	B2
IC44004	B2	IC60005	E2	P40012	E5	Q43013	B2	QR42003	СЗ	TP46001	D2	VR45001	C3
IC44006	C1	IC60006	E2	P40013	F3	Q45001	C3	QR42004	C3	TP46002	D2	VR45002	D3
IC44009	C2	IC60008	D2	P40014	D5	Q45002	D3	QR42005	B4	TP48001	E4	VR46001	D3
IC44010	C2	IC60009	E1	Q40001	F5	Q45003	D4	QR42006	B4	TP48002	E4	VR46005	D3
IC44011	C1	IC60010	F3	Q40002	F5	Q45004	D3	QR43003	A1	TP48003	E4	VR48001	D4
IC45001	D3	IC61000	F1	Q40003	F4	Q46003	A2	QR43004	A1	TP61000	F2		

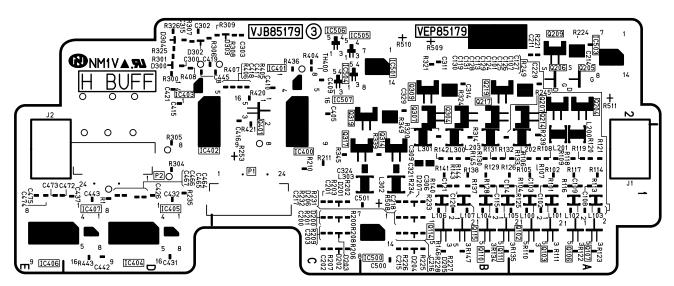


CBA-19

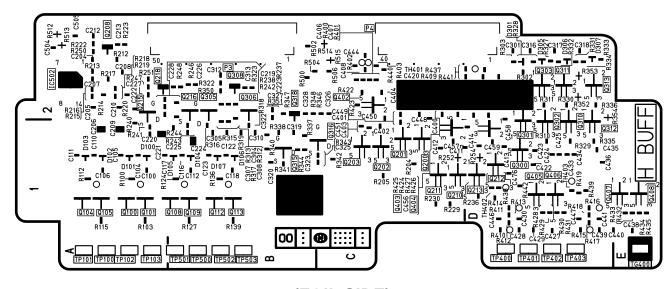
HEAD BUFF P.C.BOARD (VEP85179B)

COMPONENT SIDE						
REF	LOC	REF	LOC			
IC400	C1	Q110	B1			
IC401	C2	Q111	B1			
IC402	C1	Q114	B1			
IC403	D2	Q115	B1			
IC404	D1	Q204	A2			
IC405	D1	Q205	A2			
IC406	E1	Q206	A2			
IC407	D1	Q207	A2			
IC500	B1	Q209	A2			
IC501	B2	Q214	A2			
IC503	A2	Q217	B2			
IC504	C2	Q219	B2			
IC505	C2	Q304	B2			
IC506	C2	Q307	B2			
P1	C1	Q309	B2			
P2	D1	Q314	B1			
Q102	A1	Q317	B1			
Q103	A1	Q319	B2			
Q106	A1	Q401	C2			
Q107	A1					

FOIL SID	E				
REF	LOC	REF	LOC	REF	LOC
IC502	A2	Q215	A2	Q405	D1
P3	B2	Q216	B2	Q406	D1
P4	C2	Q218	A2	Q407	E1
Q100	A1	Q300	D1	Q408	E1
Q101	A1	Q301	D1	TG400	E1
Q104	A1	Q302	D1	TP100	A1
Q105	A1	Q303	D2	TP101	A1
Q108	B1	Q305	B2	TP102	A1
Q109	B1	Q306	B2	TP103	A1
Q112	B1	Q308	B2	TP400	D1
Q113	B1	Q310	D1	TP401	D1
Q200	C1	Q311	E2	TP402	D1
Q201	C1	Q312	D1	TP403	D1
Q202	C1	Q313	E2	TP500	B1
Q203	C1	Q315	B1	TP501	B1
Q208	A2	Q316	C1	TP502	B1
Q210	C1	Q318	B2	TP503	B1
Q211	C1	Q402	C2		
Q212	D1	Q403	C1		
Q213	D1	0404	D1		

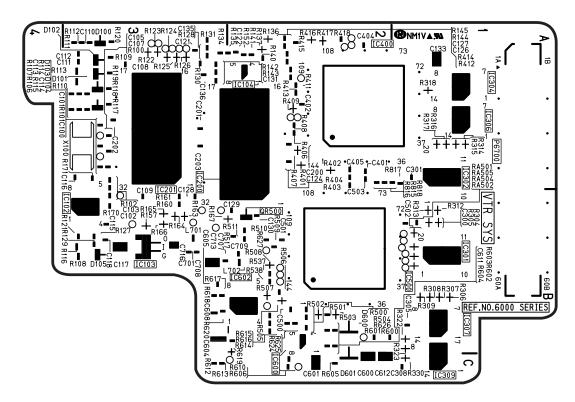


(COMPONENT SIDE)

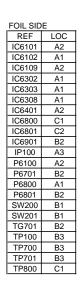


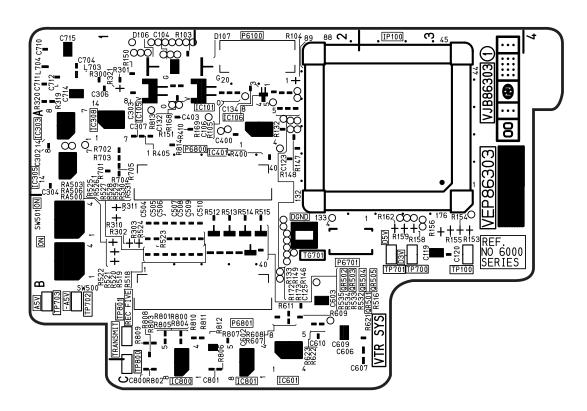
VTR SYSCON P.C.BOARD (VEP86303D)

COMPONENT SIDE					
REF	LOC	I			
IC6102	B3	I			
IC6103	B3	I			
IC6104	A2	I			
IC6200	B2	Ī			
IC6201	A3	I			
IC6301	B1	I			
IC6302	A1	I			
IC6304	A1	I			
IC6306	A1	I			
IC6307	B1	I			
IC6309	C1	I			
IC6400	A2	I			
IC6500	B2	I			
IC6600	B2	I			
IC6602	B2	I			
P6700	A1	I			
QR500	B2	I			



(COMPONENT SIDE)





CUE P.C.BOARD (VEP84353A)

CAUTION

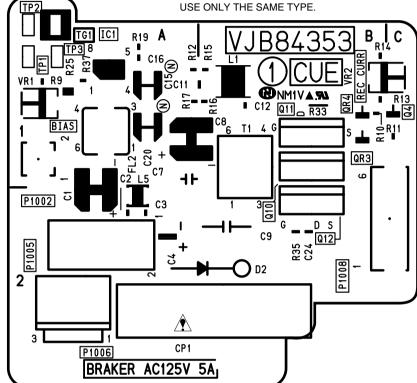
COMPO	NENT	SID
		$\overline{}$

REF	LOC
IC1001	A1
P1002	A1
P1005	A2
P1006	A2
P1008	B2
Q1004	C1
Q1010	B1
Q1011	B1
Q1012	B2
QR1003	B1
QR1004	B1
TG1001	A1
TP1001	A1
TP1002	A1
TP1003	A1

VR1001 A1 VR1002

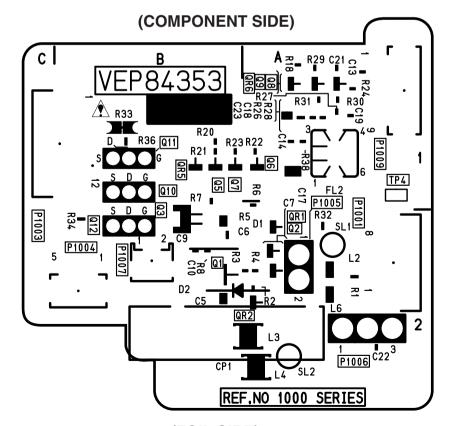
IMPORTANT SAFETY NOTICE:

COMPONENTS IDENTIFIED WITH THE MARK A HAVE THE SPECIAL CHARACTERISTICS FOR SAFETY. WHEN REPLACING ANY OF THESE COMPONENTS.



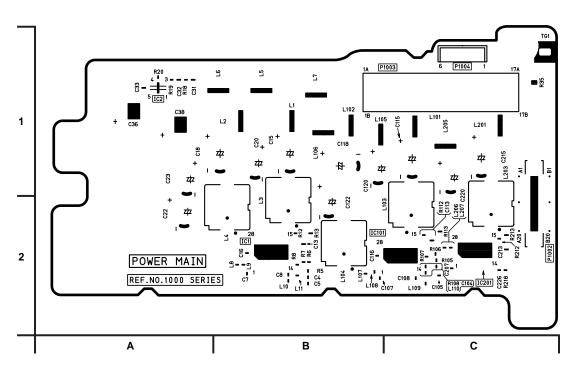
FOIL SIDE

FOIL SIDE				
LOC				
A2				
C1				
B2				
A2				
A2				
B2				
A1				
B2				
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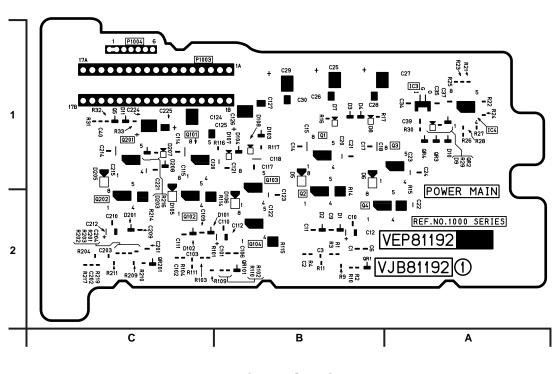
POWER MAIN P.C.BOARD (VEP81192B)

COMPONENT SIDE				
REF	LOC			
IC1001	B2			
IC1002	A1			
IC1101	B2			
IC1201	C2			
P1002	C2			
P1003	C1			
P1004	C1			
TG1001	C1			



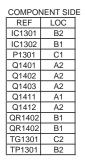
(COMPONENT SIDE)

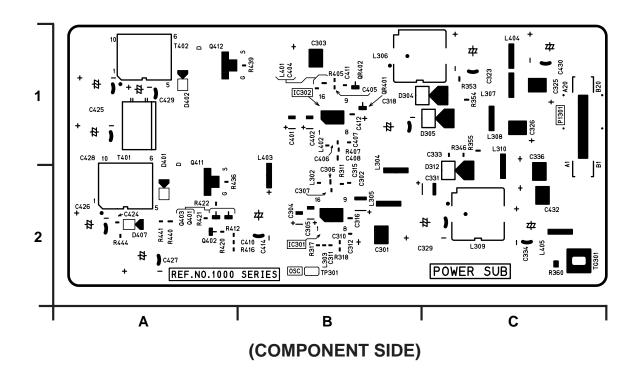
FOIL SIDE				
REF	LOC			
IC1003	A1			
IC1004	A1			
P1003	C1			
P1004	C1			
Q1001	B1			
Q1003	A1			
Q1004	B2			
Q1101	C1			
Q1102	C2			
Q1104	B2			
Q1201	C1			
Q1202	C2			
Q1203	B1			
QR1101	B1			



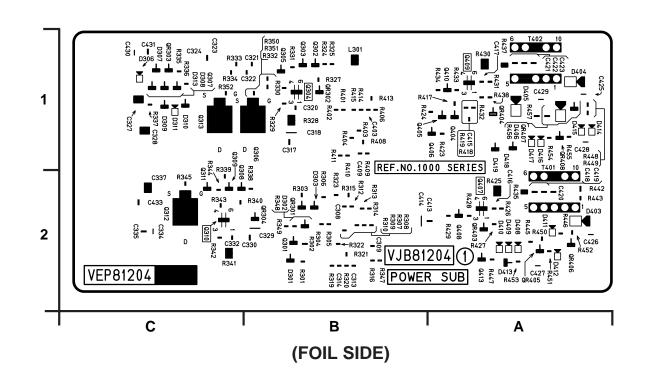
(FOIL SIDE)

POWER SUB P.C.BOARD (VEP81204B)

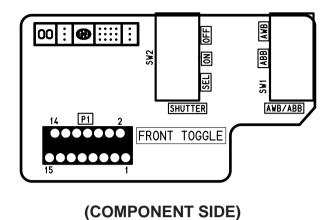


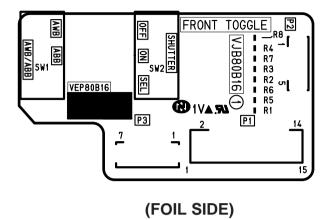


FOIL SIDE					
REF	LOC				
Q1304	B1				
Q1307	C1				
Q1310	C2				
Q1311	C2				
Q1406	A1				
Q1407	A2				
Q1409	A1				
QR1301	B2				
QR1303	C1				
QR1304	B2				
QR1404	A1				
QR1407	A1				
QR1408	A1				

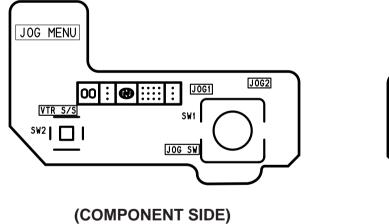


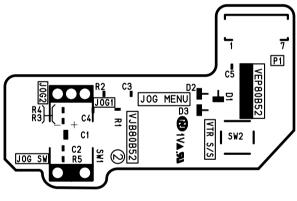
FRONT TOGGLE P.C.BOARD (VEP80B16B)





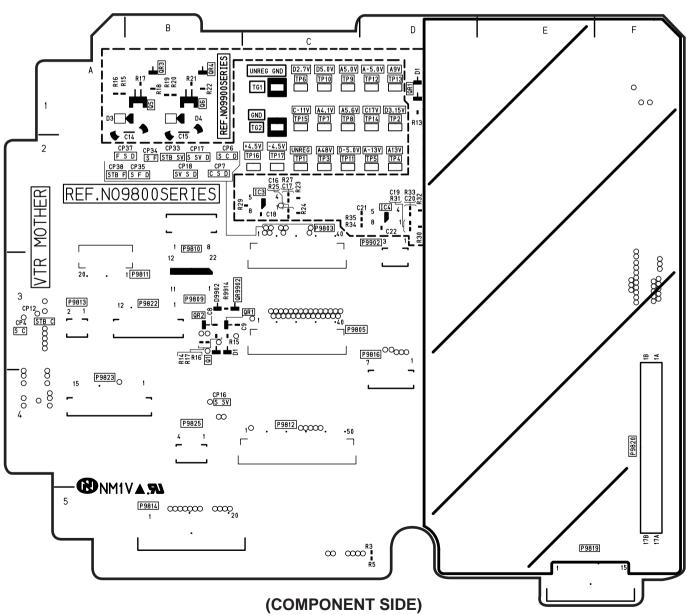
JOG MENU P.C.BOARD (VEP80B52A)





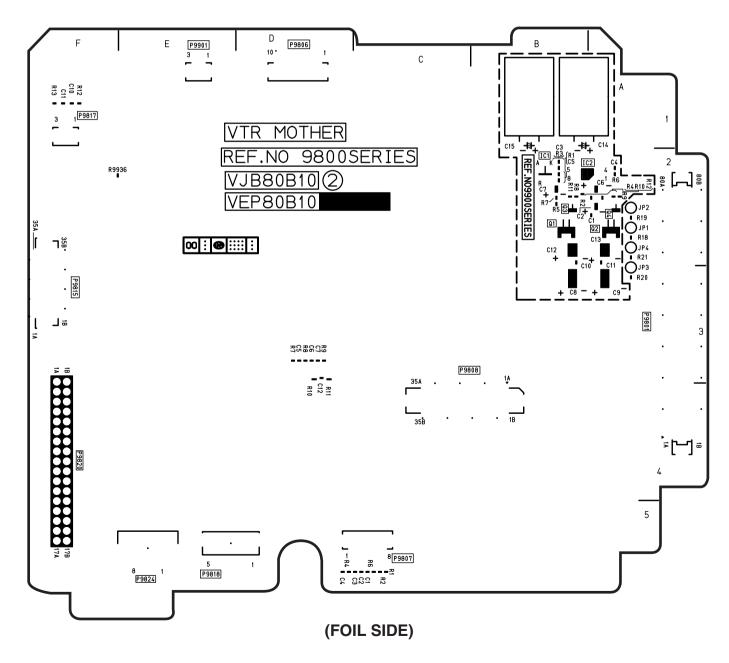
VTR MOTHER P.C.BOARD (VEP80B10A)

COMPONENT SIDE					
REF	LOC	REF	LOC		
IC9903	C2	QR9902	В3		
IC9904	D2	QR9903	B1		
P9803	C2	QR9904	B1		
P9805	C3	TG9801	C1		
P9809	В3	TG9802	C1		
P9810	B2	TP9801	C2		
P9811	A3	TP9802	D1		
P9812	C4	TP9803	C2		
P9813	A3	TP9804	D2		
P9814	B5	TP9805	D2		
P9816	D4	TP9806	C1		
P9819	E5	TP9807	C1		
P9820	F4	TP9808	C1		
P9822	В3	TP9809	C1		
P9823	A4	TP9810	C1		
P9825	B4	TP9811	C2		
P9902	D2	TP9812	D1		
Q9801	B3	TP9813	D1		
Q9905	B1	TP9814	D1		
Q9906	B1	TP9815	C1		
QR9801	B3	TP9816	C2		
QR9802	B3	TP9817	C2		
QR9901	D1				

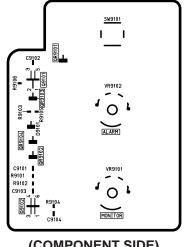


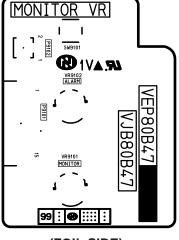
VTR MOTHER P.C.BOARD (VEP80B10A)

FOIL SIDE				
REF	LOC			
IC9901	B2			
IC9902	B2			
P9801	A3			
P9806	D1			
P9807	C5			
P9808	C4			
P9815	F3			
P9817	F1			
P9818	E5			
P9820	F4			
P9824	E5			
P9901	E1			
Q9901	B2			
Q9902	A2			
Q9903	B2			
Q9904	A2			



MONITOR VR P.C.BOARD (VEP80B47A)

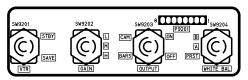




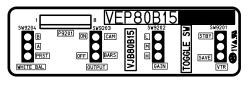
(COMPONENT SIDE)

(FOIL SIDE)

TOGGLE SW P.C.BOARD (VEP80B15A)

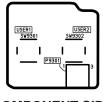


(COMPONENT SIDE)



(FOIL SIDE)

USER SW P.C.BOARD (VEP80B51A)

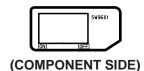


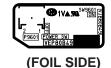
(COMPONENT SIDE)



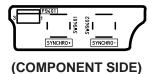
(FOIL SIDE)

POWER SW P.C.BOARD (VEP80B49A)



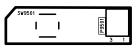


SYNCHRO SW P.C.BOARD (VEP80B50A)





MENU SW P.C.BOARD (VEP80B53A)

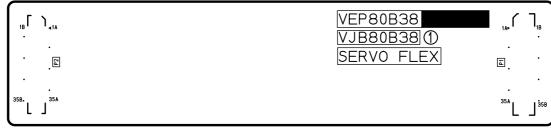




(COMPONENT SIDE)

(FOIL SIDE)

SERVO FLEX P.C.BOARD (VEP80B38A)

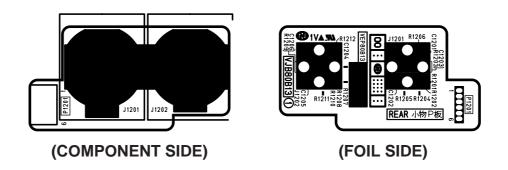


(COMPONENT SIDE)

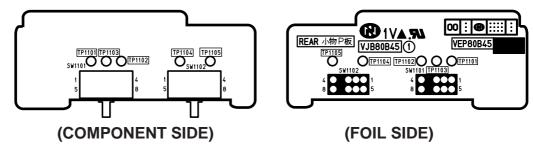


(FOIL SIDE)

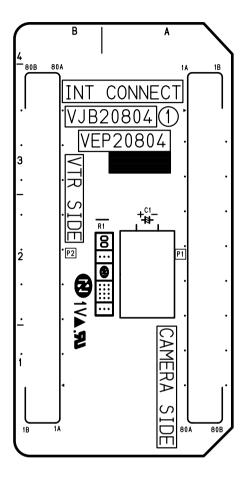
REAR JACK P.C.BOARD (VEP80B13B)



REAR SW P.C.BOARD (VEP80B45A)

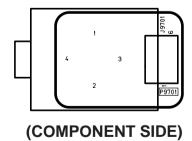


INT CONNECT P.C.BOARD (VEP20804A)



(COMPONENT SIDE)

FRONT MIC P.C.BOARD (VEP80B17A)



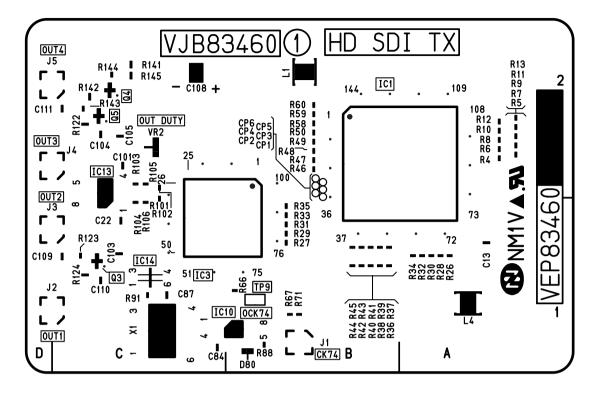


(FOIL SIDE)

HD SDI TX P.C.BOARD (VEP83460B)

COMPONENT SIDE

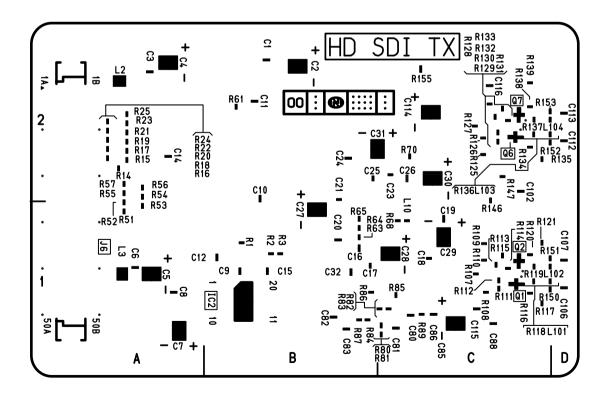
REF	LOC
IC1	B2
IC3	C1
IC10	B1
IC13	C2
IC14	C1
Q3	C1
Q4	C2
Q5	C2
TP9	B1
VR2	C2



(COMPONENT SIDE)

FOIL SIDE

REF	LOC
IC2	B1
Q1	C1
Q2	C1
Q6	C2
07	C2



SECTION 8

EXPLODED VIEWS & REPLACEMENT PARTS LIST

Note:

- 1. *Be sure to make your orders of replacement parts according to this list.
- 2. Unless otherwise specified, all resistors are in OHMS, K=1,000 OHMS, all capacitors are in MICROFARADS (μ F), P= $\mu\mu$ F.
- 3. The P.C. Board untils marked with "■" shown below the main assembled parts.
- 4. The parts marked with Eon the exploded view show the electric parts.
- IMPORTANT SAFETY NOTICE
 Components identified with the mark
 Δ have the special characteristics for safety. When replacing any of these components, use only the same type.
- 6. The marking (RTL) indicates the retention time is limited for this item.

 After the diacontinuation of this assembly in production, it will no longer be available.

CONTENTS

SERVICING FIXTURES & TOOLS	PRT-1
MECHANICAL CHASSIS ASSEMBLY (1)	PRT-3
MECHANICAL CHASSIS ASSEMBLY (2)	PRT-5
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CHASSIS FRAME ASSEMBLY (2)	PRT-9
CHASSIS FRAME ASSEMBLY (3)	PRT-11
CASSETTE COMPARTMENT ASSEMBLY	PRT-13
PACKING PARTS ASSEMBLY	PRT-15
ELECTRICAL REPLACEMENT PARTS LIST	PRT-16

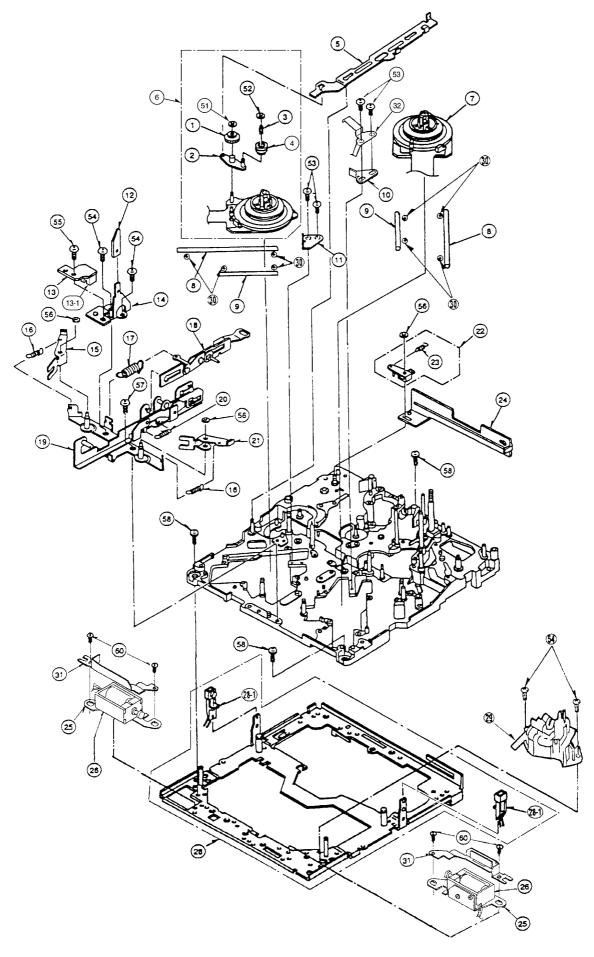
SERVICING FIXTURES & TOOLS

D-(N-	Dord Mo	Dest Nesse & Description	D	Demonstra
Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
1	VFK1145A	BACK TENSION METER	1	(T2-M30-P)
2	VFK1149A	POST DRIVER	1	(12 11100 1)
3	VFK71A	DIAL TORQUE GAUGE	1	(1.5CN-M)
4	VFK/1A VFK1191A	DIAL TORQUE GAUGE	1	(0.45CN-M)
	VFK1191A VFK1152		+	(0.45CN-W)
5		GORQUE GAUGE ADAPTOR	1	
6	VFK0357	ECCENTRIC SCREWDRIVER	1	
7	VFK1154	POST HIGHT TOOL	1	
8	VFK1586	MECH. NEUTRAL PLATE (L)	1	
9	VFK1155	NEWTRAL POSITION TOOL	1	
10	VFK1156	NEWTRAL POSITION TOOL	1	
11	VFK1208	NEWTRAL POSITION TOOL	1	(BLACK WITH HOLE)
12	VFK1150	NUT DRIVER (5.2MM)	1	
13	VFK1151	NUT DRIVER (2.5MM)	1	
14	VFK1188A	DIAL TENSION GAUGE	1	
15	VFK0948A	CHECK LIGHT	1	
16	VFK0749	FROIRAL GREASE	1	
17	M0R265	MORLYTONE GREASE	1	
18	VFK1146	PHILIPS DRIVER	1	(00-75)
	VFK1147	SCREW DRIVER		<u> </u>
19			1	(0-100)
20	VFK1148	HEX DRIVER (1.5MM)		
21	VFK1178	HEX DRIVER (0.89MM)	1	
22	VFK1179	HEX DRIVER (0.71MM)	1	
23	VFK1190	HEX WRENCH (1.5MM)	1	
24	VFK1209A	TORQUE DRIVER	1	
25	VFK1375	POST AXIS DRIVER	1	
26	VFK1300	A/D BOARD (DAQ-12,QUATECH)	1	
27	VFM3680KL	ALIGNMENT TAPE (NO.1)	1	
28	VFM3681KL	ALIGNMENT TAPE (NO.2)	1	
29	VFM3682KL	ALIGNMENT TAPE (NO.3)	1	
30	AJ-CL12P	CLEANING TAPE	1	
31	VFK1481C	LISTA SOFTWARE	1	
32	VFK1186	LISTA CABLE	1	
			+	
33	VFK0369	TWEEZERS	1	
34	VFK0371	RADIO PRIER	1	
35	VFK0372	CUTTER PRIER	1	
36	VFK0337	PHILLIPS DRIVER	1	
37	VFK0338	PHILLIPS DRIVER	1	
38	VFK1369	TAPE SENSOR ADJ CASS	1	
39	VFK0906	OIL	1	
40	VFK1642	GRAY SCALE CHART	1	(REFLECTION TYPE)
41	VFK1643	RESOLUTION CHART	1	(REFLECTION TYPE)
42	VFK1644	IMMEGA CYCLE CHART	1	(TRANSPARENCY TYPE)
43	VFK1194	EXTENDER BOARD	1	
44	VFK1600	EXTENSION CABLE	1	(WIRE HARNESS)
45	VFK1601	EXTENSION CABLE	1	(FLAT CABLE)
46	VFK1602	EXTENSION CABLE	1	(WIRE HARNESS)
47	VFK1604	EXTENSION CABLE	+	(WIRE HARNESS)
				(WIRE HARNESS)
48	VFK1605	EXTENSION CABLE	+	·
49	VFK1606	EXTENSION CABLE	+	(WIRE HARNESS)
50	VFK1607	EXTENSION CABLE		(WIRE HARNESS)
51	VFK1608	EXTENSION CABLE		(WIRE HARNESS)
52	VFK1609	EXTENSION CABLE		(FLAT CABLE)
53	VFK1610	EXTENSION CABLE		(FLAT CABLE)
54	VFK1611	Extender Board	1	
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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
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MECHANICAL CHASSIS ASSEMBLY (1)



PRT-2

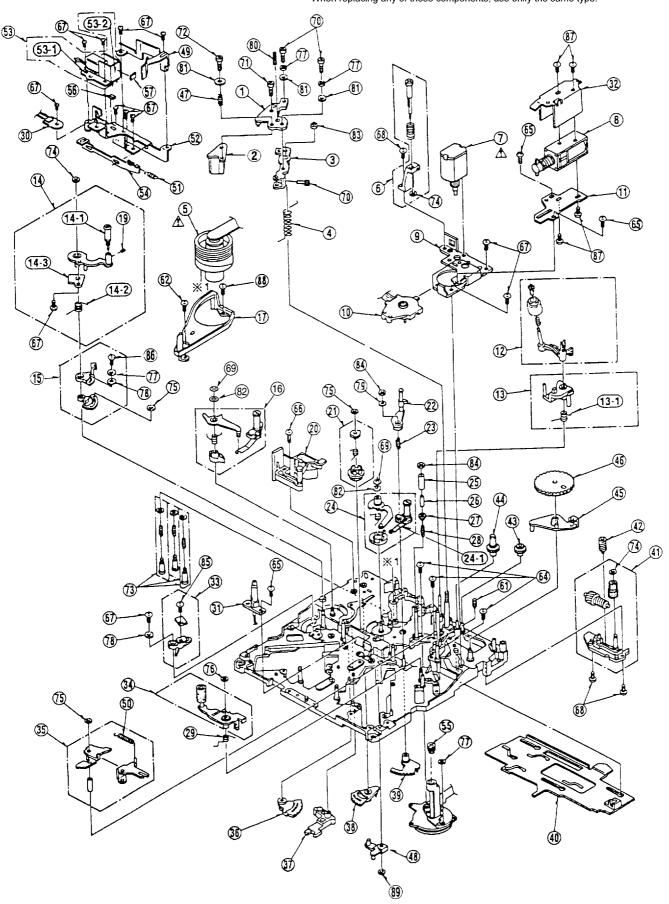
MECHANICAL CHASSIS ASSEMBLY (1)

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
1	VDG1189	IDLER GEAR A	1	
2	VXL2614	IDLER ARM ASS'Y	1	
3	VMB3011	IDLER SPRING	1	
4	VXP1700	IDLER GEAR ASS'Y	1	
5	VMM0422	E-E ROD	1	
6	VEM0658	S REEL MOTOR ASS'Y	1	(M)
8	VEM0659 VMS5923	T REEL MOTOR ASS'Y REEL OUTER RAIL	2	(M)
9	VMS5924	REEL INNER RAIL	2	
10	VMA9727	RAIL TABLE STOPPER (T)	1	
11	VMA9726	RAIL TABLE STOPPER (S)	1	
12	VMD2588	BRAKE RELEASE	1	
13	VEK7694C	CASSETTE DOWN PHOTO ASS'Y	1	OR VEK7694
13-1	0N1004-R	PHOTO INTERRUPTER	1	
14	VMA9729	L CASSETTE LOCK RELEASE BASE	1	
15	VXL3062	S BRAKE ARM	1	
16	VMB3137	S BRAKE SPRING L	2	
17	VMB3139	SLIDE ROD SPRING	1	
18	VXL2754	SLIDE ROD	1	
19	VXA5892	BRAKE BASE	1	
20	VMB3168	LOCK SPRING	1	
21	VXL3063	T BRAKE ARM	1	
22	VXL2615C	CONNECTION ARM B	1	OR VXL2615
23	VMB2973	ARM RELEASE SPRING	1	
24	VXL2653C	CONNECTION ARM C	1	OR VXL2653
25	VMA9387	SOLENOID BASE	2	
26	VSJ0216	SOLENOID	2	(M)
28	VXK1666	SUB CHASSIS	1	
28-1	VEK7692	SENSOR HOLDER ASS'Y	2	
29	VXA6254	L SWITCH BASE B	1	
30	VHD0995	SCREW	8	
31	VXA6877	SOLENOID SUPPORTER	2	
32	VMA0G47	EARTH CONDUCTOR	1	
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E1	VMV1001	WACHER	 -	
51	VMX1061 VMX2391	WASHER CUT WASHER	1	
52	VMX2391 XYN2+J5	SCREW	4	
54	XYN2+J5 XQN2+CF4	SCREW	4	
55	XQN2+CF4 XQN2+A3	SCREW	1	
56	VMX0967	CUT WASHER	3	
57	XQN2+CF3	SCREW	1	
58	XTV3+6F	SCREW	3	
60	XYN2+K4	SCREW	4	
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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
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MECHANICAL CHASSIS ASSEMBLY (2)

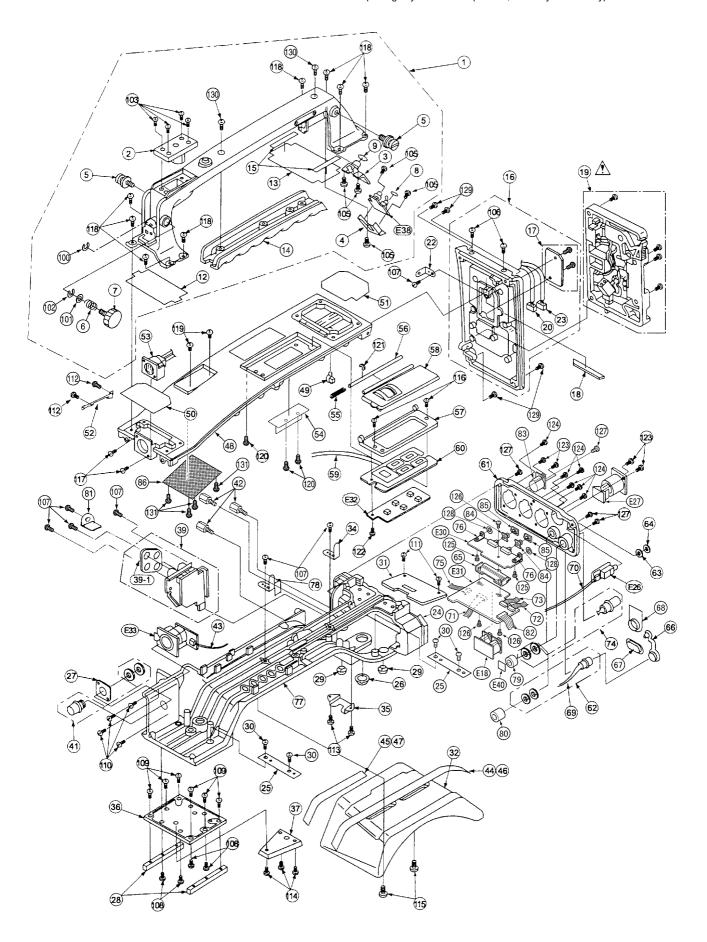
Components identified with the mark \triangle have the special characterisitics for safety. When replacing any of these components, use only the same type.



MECHANICAL CHASSIS ASSEMBLY (2)

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
1	VXA6630	A/C HEAD BASE (1) ASS'Y	1	
2	VED0419	A/C HEAD	1	(M)
3	VXA6067	A/C HEAD BASE (2) ASS'Y	1	
4	VMB2935 VEG1526	A/C HEAD HIGHT SPRING	1	(A.A.)
<u>^</u> 5	VXA5715C	CYLINDER UNIT SHAFT HOLDER ASS'	1	(M) OR VXA5715
<u> </u>	VEM0645C	LOADING MOTOR (1) ASS'Y	1	(M) OR VEM0645C
8	VSJ0227	PINCH SOLENOID	1	· · · · · · · · · · · · · · · · · · ·
9	VXA5584C	MOTOR ANGLE ASS'Y	1	OR VXA5584
10	VES0918C	MODE SW ASS'Y	1	(M) OR VES0918
11	VMA0A35	PINCH SOLENOID BASE	1	
12	VXL3027C	CLEANING ARM ASS'Y		(M) OR VXL3027
13	VXL2871 VMB3304	T2 ARM ASS'Y T2 ARM SPRING	1	
14	VXL2832	TENSION ARM A ASS'Y	1	(M)
14-1	VXP1866	TENSION ROLLER	1	
14-2	VMB3220	TENSION LEG SPRING	1	
14-3	VXA6173	MAGNET HOLDER ASS'Y	1	
15	VXA5791C	TENSION REG. SPRING HOOK	1	OR VXA5791
16	VXL2967	S1 LOADING ARM ASS'Y	1	(M)
17	VMD3731 VHD0561	LOADING RAIL	1	
19	VHD0561 VXA6025	HEX SCREW S POST BASE A ASS'Y	1	(M)
21	VXP1683C	T4 CONNECTION GEAR ASS'Y	1	OR VXP1683
22	VXL2772	T4 ARM ASS'Y	1	
23	VMB2950	T4 THRUST SPRING	1	
24	VXL2969	T LOADING ARM N ASS'Y	1	
24-1	VXA6627	T1 BOAT ASS'Y	1	
25	VMS5906	T3 UPPER FRANGE	1	
26	VMS5905	T3 SLEEVE	1	
27	VMS5904 VMB2929	T3 LOWER FRANGE T3 SPRING	1	
29	VMB2929 VMB2933	PINCH RELEASE SPRING	1	
30	VEK7927	INSULLATION SENSOR		EYHS77Y7
31	VEK7691	LED HOLDER P.C.BOARD	1	OR VEK7691
32	VMA9411	PINCH SOLENOID ANGLE	1	
33	VXA5820C	TENSION SENSOR ASS'Y	1	(M) OR VXA5820
34	VXL2835C	PINCH ARM ASS'Y		(M) OR VXL2835
35	VXL2588C	PINCH GUIDE ARM ASS'Y	1	00.00
36 37	VXA5570C VXL2838C	T SECTOR GEAR ASS'Y TENSION REG. GUIDE ARM		OR VXA5570 OR VXL2838
38	VXA5567C	S SECTOR GEAR ASS'Y		OR VXL26567
39	VXA5564C	T4 SECTOR GEAR ASS'Y		OR VXA5564
40	VXA6348	MAIN ROD ASS'Y	1	
41	VXA5627C	THRUST SHAFT HOLDER ASS'Y	1	OR VXA5627
42	VDG1166	MOTOR WARM GEAR	1	
43	VDG1443	EMARGENCY GEAR A	1	
44	VDG1444 VXL2889C	MOTOR EMARGENCY GEAR B MAIN CAM ARM ASS'Y	1	OR VXL2889
46	VAL2889C VDG1168	MAIN CAM GEAR	1	
47	VMB2937	A/C HEAD ADJUST SPRING	1	(141)
48	VXL2600C	EJECT ARM ASS'Y	1	OR VXL2600
49	VMD3475	T1 GUIDE ASS'Y	1	
50	VMB2934	SPRING	1	
51	VMB3051	CLEANER RETURN SPRING	1	
52	VXA6077	CLEANER BASE 1 ASS'Y	1	
53	VXA6078 VSJ0226	CLEANER SOLENOID ASS'Y CLEANER SOLENOID	1	I 9AAAA CROOO1 (MI)
53-1	VSJ0226 VMA9877	CLEANER SOLENOID CLEANER SOLENOID BASE	1	L9AAAACB0001 (M)
54	VMM0429	CLEANER INTERLOCK	1	
55	VXQ0556	THRUST SCREW ASS'Y		(M)
56	VMT0871	SILENCER A	1	
57	VMT0872	SILENCER B	1	
			<u> </u>	
61	VHD0356	SCREW	1	
62	XQN2+A3	SCREW	1	
64	XQN2+A35FZ	SCREW	3	
65	XQN2+AM2	SCREW	3	
66	XQN2+AM4	SCREW	1	
	XQN2+CF3	SCREW	12	
67		CODEM	3	
68	XQN2+CF4	SCREW		
	XQN2+CF4 XUC12FP	E-RING	2	
68				

When replacing any of these components, use only the same type.				
Ref.No.	Part No. XVE2B4FZ	Part Name & Description HEX SCREW	Pcs 3	Remarks
70	XVE2B6FP	HEX SCREW	1	
72	XVE2B12FP	HEX SCREW	1	
73	VXQ0439	SCREW	3	
74	VMX0967	CUT WASHER	3	
75	VMX1061	WASHER	3	
76	VMX1079	CUT WASHER	1	
77	XWA2B	WASHER	4	
78	XWE2	WASHER	2	
79	XWE16VW	WASHER	1	
80	XXE2A6FP	HEX SCREW	1	
81	XWG2	WASHER	3	
82	XWGV15Z32G	WASHER	2	
83	VHD0045	NYLON NUT	1	
84	VHN0312	NUT	2	
85	XQN2+AQ3.5FZ	SCREW	1	
86	XQN2+BJ5FZ	SCREW	1	
87	XQN2+A1.5	SCREW	4	
88	XQN2+A5	SCREW	1	
89	VMX0967	CUT WASHER	1	
*	VXY1666	MECHANISM	1	(M)
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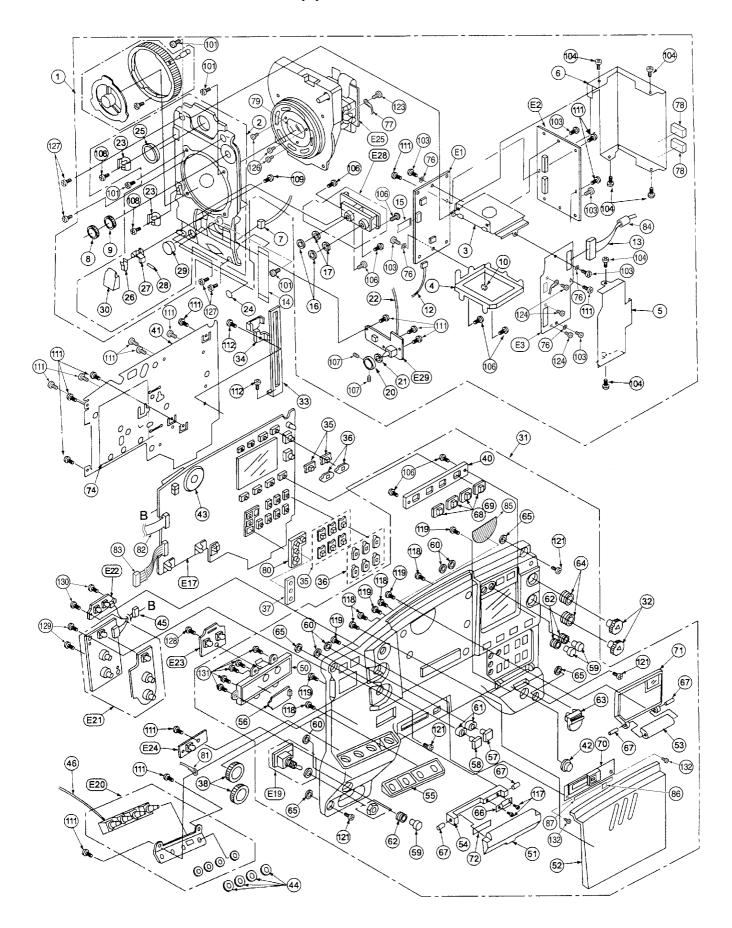


CHASSIS FRAME ASSEMBLY (1)

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
2	VYH0280 VJF1319	HANDLE ASS'Y SHOE	1	
3	VGL0783	TALLY COVER	1	
4	VMP5585	P.C.BOARD ANGLE	1	
5	VMS4284 VMB1615	BELT HOOK PIN SPRING	1	
7	VGU7080	SIDE ASS'Y LOCK KNOB	<u>-</u>	
8	VMG0955	P4 O-RING	1	
9	VMG0956	P8 O-RING	1	
12	VYQ2029 VYQ2030	DUSTPROOF CUSHION F ASS'Y DUSTPROOF CUSHION R ASS'Y	1	
14	VYF2792	HANDLE COVER ASS'Y	1	
15	VMG1343	RUBBER SPACER	2	
16	VYK9468	BACK CASE ASS'Y	1	
17	VYF2460 VGF0515	BACK CASE COVER ASS'Y BATTERY CABLE HOLDER	1	
<u>18</u> 19	VJF1347	BATTERY HOLDER	1	
20	VEE9435	BATT CABLE ASS'Y	1	
22	VMP6384	BACK CASE FIX ANGLE	1	
23	VEE0K17 VYK0C96	ANTON BATT CABLE BOTTOM CASE ASS'Y	1	
24	VKC0560	HINGE	2	
26	VMG0643	BRAKER CAP	1	
27	VMP4853	LENS CONNECTOR PLATE	1	
28	VKA0299	FRONT FOOK	2	
30	VMG0954 VHD0325	REAR FOOT SCREW	4	
31	VGQ5256	PROTECT PLATE	1	
32	VMT1121	SHOLDER PAD	1	
34	VMP6385 VMP6370	BOTTOM CASE FIX ANGLE BACK LOCK ANGLE	1	
35 36	VGM1824	FRONT FOOT BASE	1	
37	VGM1826	FRONT V EDGE	1	
39	VEK9212	CONNECTOR (L)	1	
39-1 41	VMG1320 VEE0J79	RAIN COVER SPONGE LENS CABLE	1	
42	VMS6081	P.C.B. POST	<u></u>	K9ZZ00000704
43	VEE0K08	MIC CABLE	1	
44	VKN0156	BOTTOM NET A	1	
45	VKN0157	BOTTOM OLICIJON A	1	
46	VMT1143 VMT1144	BOTTOM CUSHION A BOTTOM CUSHION B	1	
48	VGM1708	UPPER CASE	1	
49	VJF0909	CABLE CLAMPER	1	
50	VKN0150	NET (FRONT)	1	
52	VKN0151 VMP6369	HET (REAR) MECHA ANGLE	<u>-</u>	
53	VEE0L12	EVF CONNECTOR	1	
54	VSC5131	ROTATION BOARD HEAT SINK		
55			1	
	VMB2917	DOOR SPRING	1	
56 57	VMB2917 VMS5860 VGK2304	DOOR SPRING DOOR SHAFT VTR OPERATION BASE	+	
	VMS5860	DOOR SHAFT	1	
57 58 59	VMS5860 VGK2304 VKF2817 VEE0K16	DOOR SHAFT VTR OPERATION BASE VTR OPERATION DOOR OPERATE CABLE	1 1 1 1	
57 58 59 60	VMS5860 VGK2304 VKF2817 VEE0K16 VGU8218	DOOR SHAFT VTR OPERATION BASE VTR OPERATION DOOR OPERATE CABLE VTR OPERATION BUTTON	1 1 1 1 1	
57 58 59	VMS5860 VGK2304 VKF2817 VEE0K16	DOOR SHAFT VTR OPERATION BASE VTR OPERATION DOOR OPERATE CABLE	1 1 1 1	
57 58 59 60 61	VMS5860 VGK2304 VKF2817 VEE0K16 VGU8218 VGM1711	DOOR SHAFT VTR OPERATION BASE VTR OPERATION DOOR OPERATE CABLE VTR OPERATION BUTTON JACK PANEL	1 1 1 1 1 1	
57 58 59 60 61 62	VMS5860 VGK2304 VKF2817 VEE0K16 VGU8218 VGM1711 VEE9413 VMX0531 VHN0194	DOOR SHAFT VTR OPERATION BASE VTR OPERATION DOOR OPERATE CABLE VTR OPERATION BUTTON JACK PANEL CONNECTOR CLATCH SPACER SPACER	1 1 1 1 1 1 1 1 1	
57 58 59 60 61 62 63 64 65	VMS5860 VGK2304 VKF2817 VEE0K16 VGU8218 VGM1711 VEE9413 VMX0531 VHN0194 VMP6386	DOOR SHAFT VTR OPERATION BASE VTR OPERATION DOOR OPERATE CABLE VTR OPERATION BUTTON JACK PANEL CONNECTOR CLATCH SPACER SPACER JACK P.C.B. HOLDER ANGLE	1 1 1 1 1 1 1 1 1 1	
57 58 59 60 61 62 63 64 65	VMS5860 VGK2304 VKF2817 VEE0K16 VGU8218 VGM1711 VEE9413 VMX0531 VHN0194 VMP6386 VMG1310	DOOR SHAFT VTR OPERATION BASE VTR OPERATION DOOR OPERATE CABLE VTR OPERATION BUTTON JACK PANEL CONNECTOR CLATCH SPACER SPACER JACK P.C.B. HOLDER ANGLE RUBBER CAP A	1 1 1 1 1 1 1 1 1	
57 58 59 60 61 62 63 64 65	VMS5860 VGK2304 VKF2817 VEE0K16 VGU8218 VGM1711 VEE9413 VMX0531 VHN0194 VMP6386	DOOR SHAFT VTR OPERATION BASE VTR OPERATION DOOR OPERATE CABLE VTR OPERATION BUTTON JACK PANEL CONNECTOR CLATCH SPACER SPACER JACK P.C.B. HOLDER ANGLE	1 1 1 1 1 1 1 1 1 1 1	
57 58 59 60 61 62 63 64 65 66	VMS5860 VGK2304 VKF2817 VEE0K16 VGU8218 VGM1711 VEE9413 VMX0531 VHN0194 VMP6386 VMG1310 VMG1311	DOOR SHAFT VTR OPERATION BASE VTR OPERATION DOOR OPERATE CABLE VTR OPERATION BUTTON JACK PANEL CONNECTOR CLATCH SPACER SPACER JACK P.C.B. HOLDER ANGLE RUBBER CAP A RUBBER CAP B RUBBER CAP C ECU (2) CABLE	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
57 58 59 60 61 62 63 64 65 66 67 68 69	VMS5860 VGK2304 VKF2817 VEE0K16 VGU8218 VGM1711 VEE9413 VMX0531 VHN0194 VMP6386 VMG1310 VMG1311 VMG1312 VEE0K00 VEE0K07	DOOR SHAFT VTR OPERATION BASE VTR OPERATION DOOR OPERATE CABLE VTR OPERATION BUTTON JACK PANEL CONNECTOR CLATCH SPACER SPACER JACK P.C.B. HOLDER ANGLE RUBBER CAP A RUBBER CAP B RUBBER CAP C ECU (2) CABLE HP CABLE ASSY	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
57 58 59 60 61 62 63 64 65 66 67 68 69 70	VMS5860 VGK2304 VKF2817 VEE0K16 VGU8218 VGM1711 VEE9413 VMX0531 VHN0194 VMP6386 VMG1310 VMG1311 VMG1312 VEE0K00 VEE0K07 VEE0K14	DOOR SHAFT VTR OPERATION BASE VTR OPERATION DOOR OPERATE CABLE VTR OPERATION BUTTON JACK PANEL CONNECTOR CLATCH SPACER SPACER JACK P.C.B. HOLDER ANGLE RUBBER CAP A RUBBER CAP B RUBBER CAP C ECU (2) CABLE HP CABLE ASSY EXT DC INF CABLE	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
57 58 59 60 61 62 63 64 65 66 67 68 69	VMS5860 VGK2304 VKF2817 VEE0K16 VGU8218 VGM1711 VEE9413 VMX0531 VHN0194 VMP6386 VMG1310 VMG1311 VMG1312 VEE0K00 VEE0K07	DOOR SHAFT VTR OPERATION BASE VTR OPERATION DOOR OPERATE CABLE VTR OPERATION BUTTON JACK PANEL CONNECTOR CLATCH SPACER SPACER JACK P.C.B. HOLDER ANGLE RUBBER CAP A RUBBER CAP B RUBBER CAP C ECU (2) CABLE HP CABLE ASSY	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
57 58 59 60 61 62 63 64 65 66 67 68 69 70 71	VMS5860 VGK2304 VKF2817 VEE0K16 VGW8218 VGM1711 VEE9413 VMX0531 VHN0194 VMP6386 VMG1310 VMG1311 VMG1312 VEE0K00 VEE0K07 VEE0K14 VEE0K15	DOOR SHAFT VTR OPERATION BASE VTR OPERATION DOOR OPERATE CABLE VTR OPERATION BUTTON JACK PANEL CONNECTOR CLATCH SPACER SPACER JACK P.C.B. HOLDER ANGLE RUBBER CAP A RUBBER CAP B RUBBER CAP C ECU (2) CABLE HP CABLE ASSY EXT DC INF CABLE REAR SW CABLE	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74	VMS5860 VGK2304 VKF2817 VEE0K16 VGU8218 VGM1711 VEE9413 VMX0531 VHN0194 VMP6386 VMG1310 VMG1311 VMG1311 VMG1311 VEE0K00 VEE0K07 VEE0K14 VEE0K15 VEE0K20 VJS4425 VEE0K12	DOOR SHAFT VTR OPERATION BASE VTR OPERATION DOOR OPERATE CABLE VTR OPERATION BUTTON JACK PANEL CONNECTOR CLATCH SPACER SPACER JACK P.C.B. HOLDER ANGLE RUBBER CAP A RUBBER CAP C ECU (2) CABLE HP CABLE ASSY EXT DC INF CABLE REAR SW CABLE POWER CABLE CABLE (2) REAR JACK (1) CABLE	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75	VMS5860 VGK2304 VKF2817 VEE0K16 VGU8218 VGM1711 VEE9413 VMX0531 VHN0194 VMP6386 VMG1310 VMG1311 VMG1312 VEE0K00 VEE0K07 VEE0K14 VEE0K15 VEE0K20 VJS4425 VEE0K12 VMP4846	DOOR SHAFT VTR OPERATION BASE VTR OPERATION DOOR OPERATE CABLE VTR OPERATION BUTTON JACK PANEL CONNECTOR CLATCH SPACER JACK P.C.B. HOLDER ANGLE RUBBER CAP A RUBBER CAP B RUBBER CAP C ECU (2) CABLE HP CABLE ASSY EXT DC INF CABLE REAR SW CABLE POWER CABLE CABLE (2) REAR JACK (1) CABLE JACK P.C.B. ANGLE	11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74	VMS5860 VGK2304 VKF2817 VEE0K16 VGU8218 VGM1711 VEE9413 VMX0531 VHN0194 VMP6386 VMG1310 VMG1311 VMG1311 VMG1311 VEE0K00 VEE0K07 VEE0K14 VEE0K15 VEE0K20 VJS4425 VEE0K12	DOOR SHAFT VTR OPERATION BASE VTR OPERATION DOOR OPERATE CABLE VTR OPERATION BUTTON JACK PANEL CONNECTOR CLATCH SPACER SPACER JACK P.C.B. HOLDER ANGLE RUBBER CAP A RUBBER CAP C ECU (2) CABLE HP CABLE ASSY EXT DC INF CABLE REAR SW CABLE POWER CABLE CABLE (2) REAR JACK (1) CABLE	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77	VMS5860 VGK2304 VKF2817 VEE0K16 VGU8218 VGM1711 VEE9413 VHN0194 VMP6386 VMG1310 VMG1311 VMG1312 VEE0K00 VEE0K07 VEE0K14 VEE0K15 VEE0K20 VJS4425 VEE0K12 VMP4846 VGM1710	DOOR SHAFT VTR OPERATION BASE VTR OPERATION DOOR OPERATE CABLE VTR OPERATION BUTTON JACK PANEL CONNECTOR CLATCH SPACER SPACER JACK P.C.B. HOLDER ANGLE RUBBER CAP A RUBBER CAP B RUBBER CAP C ECU (2) CABLE HP CABLE ASSY EXT OF CABLE EVER CABLE CABLE (2) REAR SHOULD CABLE JACK (1) CABLE JACK P.C.B. ANGLE BOTTOM CASE	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78	VMS5860 VGK2304 VKF2817 VEE0K16 VGU8218 VGM1711 VEE9413 VHN0194 VMP6386 VMG1310 VMG1311 VMG1312 VEE0K00 VEE0K07 VEE0K14 VEE0K15 VEE0K20 VJS4425 VEE0K12 VMP4846 VGM1710 VMP638	DOOR SHAFT VTR OPERATION BASE VTR OPERATION DOOR OPERATE CABLE VTR OPERATION BUTTON JACK PANEL CONNECTOR CLATCH SPACER SPACER JACK P.C.B. HOLDER ANGLE RUBBER CAP A RUBBER CAP B RUBBER CAP C ECU (2) CABLE HP CABLE ASSY EXT OF CABLE POWER CABLE POWER CABLE CABLE (2) REAR JACK (1) CABLE JACK P.C.B. ANGLE BOTTOM CASE SHIELD ANGLE	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	

Ref.No. 80 81 82 83			т —	
81 82	Part No.	Part Name & Description	Pcs	Remarks
82	J0KE00000033	FERRITE CORE	1	
	VSC5159	BNC GND	1	
83	VWJ12C2120L0	FLEXIBLE CABLE	1	
	VEE0L56	AUDIO OUT CONNECTOR	1	
84	VGU7688	SLIDE SW COVER	2	
85	VMG1085	RAIN COVER RUBBER	2	
86	VSC5158	EVF TERMINAL SHIELD PLATE	1	
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100	XUC3FP	E-RING	1	
101	XWA4BFZ	WASHER	1	
102	XWE4FZ	WASHER	1	
103	XSN2+6FCK	SCREW	4	
105	XYN2+F5	SCREW	5	
106	XSB4+6FCK	SCREW	2	
107	XYN3+C6	SCREW	7	
108	XSS3+8FZ	SCREW	4	
109	XTS26+6J	SCREW	6	
110	XSN26+8FCK	SCREW	4	
111	XSS26+6FZ	SCREW	2	
112	XYN3+C6	SCREW	2	
113	XSB3+6FZ	SCREW	2	
114	XSB4+6FC	SCREW	3	
115	XYN3+F8	SCREW	2	
116	XSN2+6FZ	SCREW	2	
117	XSS2+4FZ	SCREW	2	
118	XSB3+8FZ	SCREW	8	
119	XSB4+6FCK	SCREW	2	
120	XYN26+C6	SCREW	3	
121	XUC12VM	E-RING	1	
122	XTN2+4G	SCREW	1	
123	XSN26+6FC	SCREW	4	
124	XSN26+6FCK	SCREW	6	
125	XSB3+4	SCREW	2	
126	XYN26+K6	SCREW	3	
127	XSN3+8FCK	SCREW	4	
128	XWGV26Y5G	WASHER	2	
129	XSB3+10FCK	SCREW	4	
130	XSB3+12FZ	SCREW	2	
131	XYN3+F6	SCREW	4	
	VEP80B13B	REAR JACK P.C.BOARD	1	
E18	VEP00W08B	HEADPHONE P.C.BOARD		
E18 E26			1	
	VEP80B75A	EXT DC P.C.BOARD	1	
E26	VEP80B75A VEP80B45A	EXT DC P.C.BOARD		
E26 E27	VEP80B75A VEP80B45A VEP84353A		1	
E26 E27 E30	VEP80B45A	EXT DC P.C.BOARD REAR SW P.C.BOARD	1	
E26 E27 E30 E31	VEP80B45A VEP84353A	EXT DC P.C.BOARD REAR SW P.C.BOARD CUE P.C.BOARD	1 1	
E26 E27 E30 E31 E32	VEP80B45A VEP84353A VEP86149A	EXT DC P.C.BOARD REAR SW P.C.BOARD CUE P.C.BOARD OPERATE P.C.BOARD	1 1 1	
E26 E27 E30 E31 E32 E33	VEP80B45A VEP84353A VEP86149A VEP80B17A	EXT DC P.C.BOARD REAR SW P.C.BOARD CUE P.C.BOARD OPERATE P.C.BOARD FRONT MIC P.C.BOARD	1 1 1 1	
E26 E27 E30 E31 E32 E33 E38	VEP80B45A VEP84353A VEP86149A VEP80B17A VEP80A74A	EXT DC P.C.BOARD REAR SW P.C.BOARD CUE P.C.BOARD OPERATE P.C.BOARD FRONT MIC P.C.BOARD BACK TALLY P.C.BOARD	1 1 1 1 1	
E26 E27 E30 E31 E32 E33 E38	VEP80B45A VEP84353A VEP86149A VEP80B17A VEP80A74A	EXT DC P.C.BOARD REAR SW P.C.BOARD CUE P.C.BOARD OPERATE P.C.BOARD FRONT MIC P.C.BOARD BACK TALLY P.C.BOARD	1 1 1 1 1	
E26 E27 E30 E31 E32 E33 E38	VEP80B45A VEP84353A VEP86149A VEP80B17A VEP80A74A	EXT DC P.C.BOARD REAR SW P.C.BOARD CUE P.C.BOARD OPERATE P.C.BOARD FRONT MIC P.C.BOARD BACK TALLY P.C.BOARD	1 1 1 1 1	
E26 E27 E30 E31 E32 E33 E38	VEP80B45A VEP84353A VEP86149A VEP80B17A VEP80A74A	EXT DC P.C.BOARD REAR SW P.C.BOARD CUE P.C.BOARD OPERATE P.C.BOARD FRONT MIC P.C.BOARD BACK TALLY P.C.BOARD	1 1 1 1 1	
E26 E27 E30 E31 E32 E33 E38	VEP80B45A VEP84353A VEP86149A VEP80B17A VEP80A74A	EXT DC P.C.BOARD REAR SW P.C.BOARD CUE P.C.BOARD OPERATE P.C.BOARD FRONT MIC P.C.BOARD BACK TALLY P.C.BOARD	1 1 1 1 1	
E26 E27 E30 E31 E32 E33 E38	VEP80B45A VEP84353A VEP86149A VEP80B17A VEP80A74A	EXT DC P.C.BOARD REAR SW P.C.BOARD CUE P.C.BOARD OPERATE P.C.BOARD FRONT MIC P.C.BOARD BACK TALLY P.C.BOARD	1 1 1 1 1	
E26 E27 E30 E31 E32 E33 E38	VEP80B45A VEP84353A VEP86149A VEP80B17A VEP80A74A	EXT DC P.C.BOARD REAR SW P.C.BOARD CUE P.C.BOARD OPERATE P.C.BOARD FRONT MIC P.C.BOARD BACK TALLY P.C.BOARD	1 1 1 1 1	
E26 E27 E30 E31 E32 E33 E38	VEP80B45A VEP84353A VEP86149A VEP80B17A VEP80A74A	EXT DC P.C.BOARD REAR SW P.C.BOARD CUE P.C.BOARD OPERATE P.C.BOARD FRONT MIC P.C.BOARD BACK TALLY P.C.BOARD	1 1 1 1 1	
E26 E27 E30 E31 E32 E33 E38	VEP80B45A VEP84353A VEP86149A VEP80B17A VEP80A74A	EXT DC P.C.BOARD REAR SW P.C.BOARD CUE P.C.BOARD OPERATE P.C.BOARD FRONT MIC P.C.BOARD BACK TALLY P.C.BOARD	1 1 1 1 1	
E26 E27 E30 E31 E32 E33 E38	VEP80B45A VEP84353A VEP86149A VEP80B17A VEP80A74A	EXT DC P.C.BOARD REAR SW P.C.BOARD CUE P.C.BOARD OPERATE P.C.BOARD FRONT MIC P.C.BOARD BACK TALLY P.C.BOARD	1 1 1 1 1	
E26 E27 E30 E31 E32 E33 E38	VEP80B45A VEP84353A VEP86149A VEP80B17A VEP80A74A	EXT DC P.C.BOARD REAR SW P.C.BOARD CUE P.C.BOARD OPERATE P.C.BOARD FRONT MIC P.C.BOARD BACK TALLY P.C.BOARD	1 1 1 1 1	
E26 E27 E30 E31 E32 E33 E38	VEP80B45A VEP84353A VEP86149A VEP80B17A VEP80A74A	EXT DC P.C.BOARD REAR SW P.C.BOARD CUE P.C.BOARD OPERATE P.C.BOARD FRONT MIC P.C.BOARD BACK TALLY P.C.BOARD	1 1 1 1 1	
E26 E27 E30 E31 E32 E33 E38	VEP80B45A VEP84353A VEP86149A VEP80B17A VEP80A74A	EXT DC P.C.BOARD REAR SW P.C.BOARD CUE P.C.BOARD OPERATE P.C.BOARD FRONT MIC P.C.BOARD BACK TALLY P.C.BOARD	1 1 1 1 1	
E26 E27 E30 E31 E32 E33 E38	VEP80B45A VEP84353A VEP86149A VEP80B17A VEP80A74A	EXT DC P.C.BOARD REAR SW P.C.BOARD CUE P.C.BOARD OPERATE P.C.BOARD FRONT MIC P.C.BOARD BACK TALLY P.C.BOARD	1 1 1 1 1	
E26 E27 E30 E31 E32 E33 E38	VEP80B45A VEP84353A VEP86149A VEP80B17A VEP80A74A	EXT DC P.C.BOARD REAR SW P.C.BOARD CUE P.C.BOARD OPERATE P.C.BOARD FRONT MIC P.C.BOARD BACK TALLY P.C.BOARD	1 1 1 1 1	
E26 E27 E30 E31 E32 E33 E38	VEP80B45A VEP84353A VEP86149A VEP80B17A VEP80A74A	EXT DC P.C.BOARD REAR SW P.C.BOARD CUE P.C.BOARD OPERATE P.C.BOARD FRONT MIC P.C.BOARD BACK TALLY P.C.BOARD	1 1 1 1 1	
E26 E27 E30 E31 E32 E33 E38	VEP80B45A VEP84353A VEP86149A VEP80B17A VEP80A74A	EXT DC P.C.BOARD REAR SW P.C.BOARD CUE P.C.BOARD OPERATE P.C.BOARD FRONT MIC P.C.BOARD BACK TALLY P.C.BOARD	1 1 1 1 1	
E26 E27 E30 E31 E32 E33 E38	VEP80B45A VEP84353A VEP86149A VEP80B17A VEP80A74A	EXT DC P.C.BOARD REAR SW P.C.BOARD CUE P.C.BOARD OPERATE P.C.BOARD FRONT MIC P.C.BOARD BACK TALLY P.C.BOARD	1 1 1 1 1	
E26 E27 E30 E31 E32 E33 E38	VEP80B45A VEP84353A VEP86149A VEP80B17A VEP80A74A	EXT DC P.C.BOARD REAR SW P.C.BOARD CUE P.C.BOARD OPERATE P.C.BOARD FRONT MIC P.C.BOARD BACK TALLY P.C.BOARD	1 1 1 1 1	
E26 E27 E30 E31 E32 E33 E38	VEP80B45A VEP84353A VEP86149A VEP80B17A VEP80A74A	EXT DC P.C.BOARD REAR SW P.C.BOARD CUE P.C.BOARD OPERATE P.C.BOARD FRONT MIC P.C.BOARD BACK TALLY P.C.BOARD	1 1 1 1 1	
E26 E27 E30 E31 E32 E33 E38	VEP80B45A VEP84353A VEP86149A VEP80B17A VEP80A74A	EXT DC P.C.BOARD REAR SW P.C.BOARD CUE P.C.BOARD OPERATE P.C.BOARD FRONT MIC P.C.BOARD BACK TALLY P.C.BOARD	1 1 1 1 1	
E26 E27 E30 E31 E32 E33 E38	VEP80B45A VEP84353A VEP86149A VEP80B17A VEP80A74A	EXT DC P.C.BOARD REAR SW P.C.BOARD CUE P.C.BOARD OPERATE P.C.BOARD FRONT MIC P.C.BOARD BACK TALLY P.C.BOARD	1 1 1 1 1	
E26 E27 E30 E31 E32 E33 E38	VEP80B45A VEP84353A VEP86149A VEP80B17A VEP80A74A	EXT DC P.C.BOARD REAR SW P.C.BOARD CUE P.C.BOARD OPERATE P.C.BOARD FRONT MIC P.C.BOARD BACK TALLY P.C.BOARD	1 1 1 1 1	

CHASSIS FRAME ASSEMBLY (2)

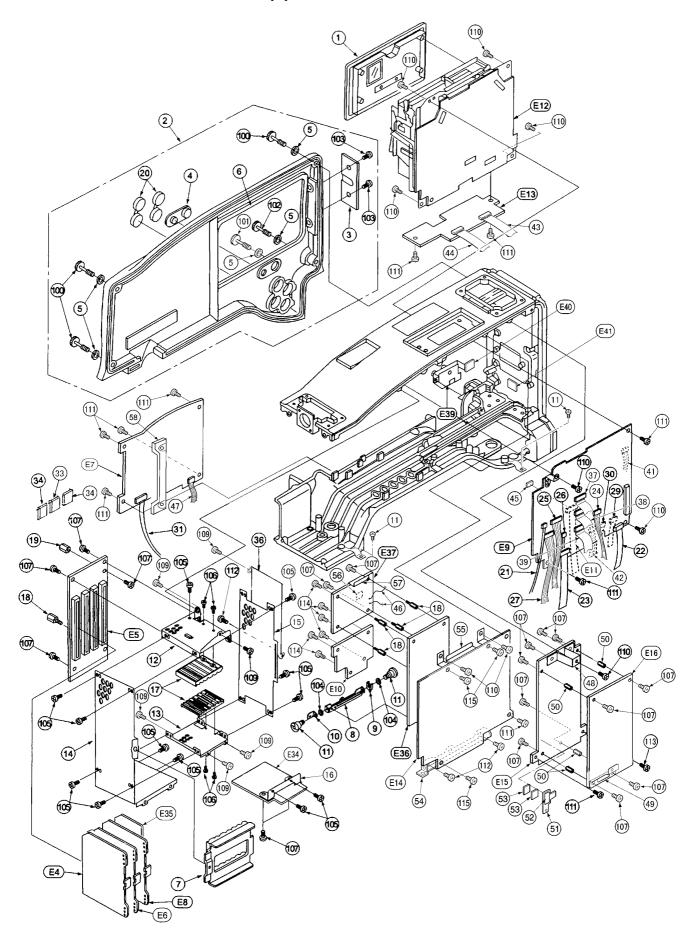


CHASSIS FRAME ASSEMBLY (2)

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
1	VEQ2604	HEAD OPTICAL	1	
2	VYK0D33	FRONT CASE ASS'Y	1	
3	VMP6371	P.C.B HOLDER ANGLE(UPPER)	1	
4	VMP6372	P.C.B HOLDER ANGLE(LOWER)	1	
5	VSC5071	SHIELD CASE (A)	1	
6	VSC5072	SHIELD CASE (B)	1	
7	VEE0J57	FILTER CABLE ASS'Y	1	
8	VGU8686	FILTER KNOB (ND)	1	
9	VGU8687	FILTER KNOB (CC)	1	
10	VJF0909	CABLE CLAMPER	1	
12	VEE0J53	PREAMP-PREPROCESS	1	
13	VEE0N61	DRIVE-CAMMOTHER	1	
14	VWJ15SW170L1	F.TOGGLE-CAMMOTHER	1	
15	VWJ06SW045L1	SENSOR-PULSE	1	
16	VMG0646	WATERPROOF SW INSULATION SH	2	
17	VMT0738	SW INSULATION CUSHION	2	
20	VGU8541	MENU KNOB	1	
21	VMG1317	MENU WATERPROOF RUBBER	1	
22	VEE0J58	FRONT-F.TOGGLE	1	
23	VJF1256	CABLE CLAMPER	2	
24	VGF0651	SHIELD SHEET	1	
25	VMG0948	EVF RUBBER SHIELD	1	
26	VMC1210	FRONT DOOR SPRING	1	
27	VMP4850	FRONT DOOR ANGLE	1	
28	VMS4088	FRONT DOOR ANGLE PIN	1	
29	VXU1551	RUBBER BUTTON	1	
30	VKF2485	FRONT DOOR	1	
31	VYP8314	SIDE CASE (R) ASS'Y	1	
32	VGU8129	VR KNOB	2	
33	VKC0561	HINGE (B)	1	
34	VMP5685	GUIDE ANGLE	1	
35	VGU7688	SLIDE SW COVER	8	
36	VMG1085	RAIN COVER RUBBER	8	
	VGU8585	OPERATION BUTTON	1	
38	VGU7077	VR KONB A	2	
	VMP5578	SLIDE SW ANGLE	1	
41	VMZ3043	LCD BARRIER	1	
42	VGF0855	COVER	1	
43	VEK8349	SPEAKER ASS'Y	1	
44	VMG1140	RAIN COVER SPONGE	1	
45	VEE0K09	SYNCHRO CABLE T SW	1	
46	VEE0K10			
50	VYP8112	OPERATION PANEL ASS'Y	1	
51	VKF3311	OPERATION DOOR (B)	1	
52	VMT0866	FACE PAT	1	
53	VDB1489	DOOR SUPPORT BASE (A)	1	
54	VDB1490	DOOR SUPPORT BASE (B)	1	
55	VGK2705	TOGGLE SW PLATE	1	
56	VKF2818	SLIDE DOOR	1	
57	VGU7696	SHUTTER BUTTON (+)	1	
58	VGU7697	SHUTTER BUTTON (-)	1	
59	VGU7698	OPERATION BUTTON	3	
60	VMX2715	WASHER	5	
61	VMG1092	RAIN COVER RUBBER (A)	2	
62	VMG1093	RAIN COVER RUBBER (B)	3	
63	VMG1094	ECU CAP	1	
		VR RAIN COVER PACKING	2	
64	VMG1096			
64 65	VMX1558	NYLON WASHER	4	
64 65 66	VMX1558 VMC1209	DOOR SPRING	1	
64 65 66 67	VMX1558 VMC1209 VMS5505	DOOR SPRING ROLLER SHAFT	1	
64 65 66 67	VMX1558 VMC1209 VMS5505 VGU8130	DOOR SPRING ROLLER SHAFT SLIDE SW COVER	1 4	
64 65 66 67	VMX1558 VMC1209 VMS5505 VGU8130 VMG1195	DOOR SPRING ROLLER SHAFT SLIDE SW COVER SLIDE SW RUBBER	1 4 4	
64 65 66 67 68 69 70	VMX1558 VMC1209 VMS5505 VGU8130 VMG1195 VGP5305	DOOR SPRING ROLLER SHAFT SLIDE SW COVER	1 4 4 4	
64 65 66 67 68 69	VMX1558 VMC1209 VMS5505 VGU8130 VMG1195	DOOR SPRING ROLLER SHAFT SLIDE SW COVER SLIDE SW RUBBER	1 4 4	
64 65 66 67 68 69 70	VMX1558 VMC1209 VMS5505 VGU8130 VMG1195 VGP5305	DOOR SPRING ROLLER SHAFT SLIDE SW COVER SLIDE SW RUBBER MMC PANEL	1 4 4 4	
64 65 66 67 68 69 70 71	VMX1558 VMC1209 VMS5505 VGU8130 VMG1195 VGP5305 VYF2691	DOOR SPRING ROLLER SHAFT SLIDE SW COVER SLIDE SW RUBBER MMC PANEL OPERATION DOOR (A)	1 4 4 1 1	
64 65 66 67 68 69 70 71 72 74	VMX1558 VMC1209 VMS5505 VGU8130 VMG1195 VGP5305 VYF2691 VMT1154	DOOR SPRING ROLLER SHAFT SLIDE SW COVER SLIDE SW RUBBER MMC PANEL OPERATION DOOR (A) DUSTPROOF CUSHION	1 4 4 1 1	
64 65 66 67 68 69 70 71 72 74	VMX1558 VMC1209 VMS5505 VGU8130 VMG1195 VGP5305 VYF2691 VMT1154 VXA6889	DOOR SPRING ROLLER SHAFT SLIDE SW COVER SLIDE SW RUBBER MMC PANEL OPERATION DOOR (A) DUSTPROOF CUSHION SHIELD PLATE	1 4 4 1 1 1	
64 65 66 67 68 69 70 71 72 74	VMX1558 VMC1209 VMS5505 VGU8130 VMG1195 VGP5305 VYF2691 VMT1154 VXA6889 XWC3B	DOOR SPRING ROLLER SHAFT SLIDE SW COVER SLIDE SW RUBBER MMC PANEL OPERATION DOOR (A) DUSTPROOF CUSHION SHIELD PLATE WASHER	1 4 4 1 1 1 1 4	
64 65 66 67 68 69 70 71 72 74 76	VMX1558 VMC1209 VMS5605 VGU8130 VMG1195 VGP5305 VYF2691 VMT1154 VXA6889 XWC3B	DOOR SPRING ROLLER SHAFT SLIDE SW COVER SLIDE SW RUBBER MMC PANEL OPERATION DOOR (A) DUSTPROOF CUSHION SHIELD PLATE WASHER GND ANGLE	1 4 4 1 1 1 1 4	
64 65 66 67 68 69 70 71 72 74 76 77	VMX1558 VMC1209 VMS5505 VGU8130 VMG1195 VGP5305 VYF2691 VMT1154 VXA6889 XWC3B VSC5232 VMT0771	DOOR SPRING ROLLER SHAFT SLIDE SW COVER SLIDE SW RUBBER MMC PANEL OPERATION DOOR (A) DUSTPROOF CUSHION SHIELD PLATE WASHER GND ANGLE GASKET (A)	11 4 4 4 1 1 1 1 1 1 4 1 2	
64 65 66 67 68 69 70 71 72 74 76 77 78	VMX1558 VMC1209 VMS5505 VGU8130 VMG1195 VGP5305 VYF2691 VXT1154 VXA6889 XWC3B VSC5232 VMT0771 VXQ0948	DOOR SPRING ROLLER SHAFT SLIDE SW COVER SLIDE SW RUBBER MMC PANEL OPERATION DOOR (A) DUSTPROOF CUSHION SHIELD PLATE WASHER GND ANGLE GASKET (A) LPF ASSY	1 4 4 1 1 1 1 1 4 1 2	
64 65 66 67 68 69 70 71 72 74 76 77 78	VMX1558 VMC1209 VMS5505 VGU8130 VMG1195 VGP5305 VYF2691 VXT1154 VXA6889 XWC3B VSC5232 VMT0771 VXQ0948 VGQ4723	DOOR SPRING ROLLER SHAFT SLIDE SW COVER SLIDE SW RUBBER MMC PANEL OPERATION DOOR (A) DUSTPROOF CUSHION SHIELD PLATE WASHER GND ANGLE GASKET (A) LPF ASSY SPACER	1 4 4 1 1 1 1 1 2 1 1	
64 65 66 67 68 69 70 71 72 74 76 77 78 79	VMX1558 VMC1209 VMS5505 VGU8130 VMC1195 VGP5305 VYF2691 VMT1154 VXA6889 XWG3B VSC5232 VMT0771 VXQ0948 VGQ4723 SHR330	DOOR SPRING ROLLER SHAFT SLIDE SW COVER SLIDE SW RUBBER MMC PANEL OPERATION DOOR (A) DUSTPROOF CUSHION SHIELD PLATE WASHER GND ANGLE GASKET (A) LPF ASSY SPACER CLAMPER	1 4 4 1 1 1 1 1 2 1 1 1	

### JONGGOOGOUT FERRITE CORE 1 1 1 1 1 1 1 1 1	Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
85 VKN0149				1	INDINIO/NO
86 VGH4396 MMC NAME PLATE 1 87 VMG1319 DOOR WATERPROOF RUBBER B 1 101 XSB346FZ SCREW 4 103 XYY826+F6FX SCREW 6 104 XYN3+C6 SCREW 8 106 XYN3+C6 SCREW 8 107 XXEV2W4FP SCREW 2 108 XSB2+4FZ SCREW 2 109 XYN2+C4 SCREW 1 111 XYN3+K6R SCREW 2 112 XYN3+K8 SCREW 2 117 XQN26+A4 SCREW 2 118 XTN3+6G SCREW 5 119 XYN26+K6 SCREW 5 121 XSB3+10VZ SCREW 4 123 XYN26+K6 SCREW 1 124 XYN26+K5 SCREW 3 126 XQS2+A4FZ SCREW 4 129 XSB3+6FR SCREW </td <td></td> <td></td> <td></td> <td>+</td> <td></td>				+	
87 VMG1319 DOOR WATERPROOF RUBBER B 1 101 XSB3+6FZ SCREW 4 103 XYN26+F6FX SCREW 6 104 XYN26+C4 SCREW 6 105 XYN3+C6 SCREW 8 107 XXEV2W4FP SCREW 2 108 XSB2+4FZ SCREW 2 109 XYN2+C4 SCREW 19 111 XYN3+K6RS SCREW 19 112 XYN3+K6RS SCREW 2 113 XYN3+K6RS SCREW 2 116 XYN3+C6 SCREW 2 117 XQN26+A4 SCREW 2 118 XTN3+G6 SCREW 5 119 XYN26+K6 SCREW 5 119 XYN26+K6 SCREW 5 121 XSB3+10VZ SCREW 1 123 XYN2+F4 SCREW 1 124 XYN26+K5 SCREW 3 126 XGS2+A4FZ SCREW 3 127 XSB3+10FCK SCREW 3 128 XTN26+GJ SCREW 4 129 XSB3+6FR SCREW 1 129 XSB3+6FR SCREW 1 130 XYN26+K6FR SCREW 1 131 XSB26+5 SCREW 2 131 XSB26+5 SCREW 2 132 XQN26+A6FZ SCREW 2 131 XSB26+5 SCREW 2 132 XQN26+A6FZ SCREW 1 134 XSB26+5 SCREW 2 155 XGREW 1 157 XCREW 1 158 XCREW 1 158 XCREW 1 159 XCREW 1 150 XCREW 1 150 XCREW 1 151 XSB26+5 SCREW 1 151 XSB26+5 SCREW 1 152 XQN26+A6FZ SCREW 1 153 XGN26+A6FZ SCREW 1 154 XGN26+A6FZ SCREW 1 155 XGREW 1 156 XGREW 1 157 XCREW 1 158 XCREW 1 159 XCREW 1 150 XCREW 1 150 XCREW 1 150 XCREW 1 151 XCREW 1 151 XCREW 1 152 XCREW 1 153 XCREW 1 154 XCREW 1 155 XCREW 1 156 XCREW 1 157 XCREW 1 157 XCREW 1 158 XCREW 1 159 XCREW 1 150 XCREW 1 150 XCREW 1 151 XCREW 1 151 XCREW 1 151 XCREW 1 152 XCREW 1 153 XCREW 1 154 XCREW 1 155 XCREW 1 156 XCREW 1 157 XCREW 1 157 XCREW 1 158 XCREW 1 159 XCREW 1 150 XCREW 1	85				
101	86	VGH4396	MMC NAME PLATE	1	
103 XYN26+F6FX SCREW 6 104 XYN3-C4 SCREW 6 106 XYN3+C6 SCREW 8 107 XXEV2W4FP SCREW 2 108 XSB2+4FZ SCREW 2 109 XYN2+C4 SCREW 1 111 XYN3+K6RS SCREW 19 112 XYN3+K8 SCREW 2 117 XQN26+A4 SCREW 2 118 XTN3+GG SCREW 5 119 XYN26+K6 SCREW 5 121 XSB3+10VZ SCREW 4 123 XYN24-F4 SCREW 1 124 XYN26+K5 SCREW 3 126 XQS2+A4FZ SCREW 3 127 XSB3+10FCK SCREW 4 129 XSB3+6FR SCREW 2 130 XYN26+K6FR SCREW 2 131 XSB26+5 SCREW 5 <td>87</td> <td>VMG1319</td> <td>DOOR WATERPROOF RUBBER B</td> <td>1</td> <td></td>	87	VMG1319	DOOR WATERPROOF RUBBER B	1	
103 XYN26+F6FX SCREW 6 104 XYN3-C4 SCREW 6 106 XYN3+C6 SCREW 8 107 XXEV2W4FP SCREW 2 108 XSB2+4FZ SCREW 2 109 XYN2+C4 SCREW 1 111 XYN3+K6RS SCREW 19 112 XYN3+K8 SCREW 2 117 XQN26+A4 SCREW 2 118 XTN3+GG SCREW 5 119 XYN26+K6 SCREW 5 121 XSB3+10VZ SCREW 4 123 XYN24-F4 SCREW 1 124 XYN26+K5 SCREW 3 126 XQS2+A4FZ SCREW 3 127 XSB3+10FCK SCREW 4 129 XSB3+6FR SCREW 2 130 XYN26+K6FR SCREW 2 131 XSB26+5 SCREW 5 <td></td> <td></td> <td></td> <td></td> <td></td>					
103 XYN26+F6FX SCREW 6 104 XYN26+C4 SCREW 6 106 XYN3-C6 SCREW 8 107 XXEV2W4FP SCREW 2 108 XSB244FZ SCREW 2 109 XYN2+C4 SCREW 1 111 XYN3+K8 SCREW 19 112 XYN3+K8 SCREW 2 117 XQN26+A4 SCREW 2 118 XTN3+6G SCREW 5 119 XYN26+K6 SCREW 5 121 XSB3+10VZ SCREW 4 122 XYN26+K6 SCREW 1 124 XYN26+K5 SCREW 3 126 XQS2+A4FZ SCREW 3 127 XSB3+10FCK SCREW 4 129 XSB3+6FR SCREW 2 130 XYN26+K6FR SCREW 2 131 XSB26+5 SCREW 5 <td></td> <td></td> <td></td> <td></td> <td></td>					
103 XYN26+F6FX SCREW 6 104 XYN3-C4 SCREW 6 106 XYN3+C6 SCREW 8 107 XXEV2W4FP SCREW 2 108 XSB2+4FZ SCREW 2 109 XYN2+C4 SCREW 1 111 XYN3+K6RS SCREW 19 112 XYN3+K8 SCREW 2 117 XQN26+A4 SCREW 2 118 XTN3+GG SCREW 5 119 XYN26+K6 SCREW 5 121 XSB3+10VZ SCREW 4 123 XYN24-F4 SCREW 1 124 XYN26+K5 SCREW 3 126 XQS2+A4FZ SCREW 3 127 XSB3+10FCK SCREW 4 129 XSB3+6FR SCREW 2 130 XYN26+K6FR SCREW 2 131 XSB26+5 SCREW 5 <td>404</td> <td>VCD2 - CE7</td> <td>CODEW</td> <td>L.,</td> <td></td>	404	VCD2 - CE7	CODEW	L.,	
104 XYN26+C4 SCREW 6 106 XYN3+C6 SCREW 8 107 XXEV2W4FP SCREW 2 108 XSB2+4FZ SCREW 2 109 XYN2+C4 SCREW 1 111 XYN3+K6RS SCREW 19 111 XYN3+K6RS SCREW 2 112 XYN3+K6RS SCREW 2 112 XYN3+K6RS SCREW 2 112 XYN3+K6RS SCREW 2 118 XTN3+6G SCREW 5 119 XYN26+K6 SCREW 5 121 XSB3+10VZ SCREW 4 122 XYN26+K6 SCREW 1 124 XYN26+K5 SCREW 3 126 XQS2+A4FZ SCREW 3 127 XSB3+10FC SCREW 1 128 XTN26+G SCREW 2 130 XYN26+K6FR SCREW 2					
106 XYN3+C6 SCREW 8 107 XXEV2W4FP SCREW 2 108 XSB2+4FZ SCREW 2 109 XYN2+C4 SCREW 1 111 XYN3+K6RS SCREW 19 112 XYN3+K8 SCREW 2 117 XQN26+A4 SCREW 2 118 XTN3+6G SCREW 5 119 XYN26+K6 SCREW 5 121 XSB3+10VZ SCREW 4 123 XYN2+F4 SCREW 1 124 XYN26+K6 SCREW 3 125 XQS2+A4FZ SCREW 3 127 XSB3+10FCK SCREW 4 128 XTN26+6J SCREW 4 129 XSB3+6FR SCREW 2 130 XYN26+K6FR SCREW 2 131 XSB26+5 SCREW 5 132 XQN26+A6FZ SCREW 1 <td>103</td> <td>XYN26+F6FX</td> <td></td> <td>6</td> <td></td>	103	XYN26+F6FX		6	
107 XXEV2W4FP SCREW 2 108 XSB2+4FZ SCREW 2 109 XYN2+C4 SCREW 1 111 XYN3+K6RS SCREW 19 112 XYN3+K6RS SCREW 2 117 XQN26+A4 SCREW 2 118 XTN3+6G SCREW 5 119 XYN26+A5 SCREW 5 121 XSB3+10VZ SCREW 4 123 XYN24-F4 SCREW 1 124 XYN26+K5 SCREW 3 126 XQS2+A4FZ SCREW 3 127 XSB3+10FCK SCREW 4 128 XTN26+6J SCREW 1 129 XSB3+6FR SCREW 2 130 XYN26+K6FR SCREW 2 131 XSB26+5 SCREW 5 132 XQN26+A6FZ SCREW 1 E2 VEP2080C CCD PULSE P.C.BOARD	104	XYN26+C4	SCREW	6	
108 XSB2+4FZ SCREW 2 109 XYN2+C4 SCREW 1 111 XYN3+K6RS SCREW 19 112 XYN3+K8 SCREW 2 117 XQN26+A4 SCREW 2 118 XTN3+6G SCREW 5 119 XYN26+K6 SCREW 5 119 XYN26+K6 SCREW 5 119 XYN26+K6 SCREW 4 121 XSB3+10VZ SCREW 4 122 XYN26+K5 SCREW 1 126 XQS2+A4FZ SCREW 3 127 XSB3+10FCK SCREW 4 128 XTN26+6J SCREW 2 129 XSB3+6FR SCREW 2 130 XYN26+K6FR SCREW 2 131 XSB26+5 SCREW 5 132 XQN26+A6FZ SCREW 1 129 VEP20800C CCD PULSE P.C.BOARD	106	XYN3+C6	SCREW	8	
109 XYN2+C4 SCREW 1 111 XYN3+K6RS SCREW 19 112 XYN3+K8 SCREW 2 117 XQN26+A4 SCREW 2 118 XTN3+6G SCREW 5 119 XYN26+K6 SCREW 5 121 XSB3+10VZ SCREW 4 123 XYN2+F4 SCREW 1 124 XYN26+K6 SCREW 3 126 XQS2+A4FZ SCREW 3 127 XSB3+10FCK SCREW 4 128 XTN26+6J SCREW 4 129 XSB3+6FR SCREW 2 130 XYN26+K6FR SCREW 2 131 XSB26+5 SCREW 2 132 XQN26+A6FZ SCREW 2 132 XQN26+A6FZ SCREW 1 129 VEP8030C CCD PULSE P.C.BOARD 1 121 VEP80331C AUDIO LCD	107	XXEV2W4FP	SCREW	2	
109 XYN2+C4 SCREW 1 111 XYN3+K6RS SCREW 19 112 XYN3+K8 SCREW 2 117 XQN26+A4 SCREW 2 118 XTN3+6G SCREW 5 119 XYN26+K6 SCREW 5 121 XSB3+10VZ SCREW 4 123 XYN2+F4 SCREW 1 124 XYN26+K6 SCREW 3 126 XQS2+A4FZ SCREW 3 127 XSB3+10FCK SCREW 4 128 XTN26+6J SCREW 4 129 XSB3+6FR SCREW 2 130 XYN26+K6FR SCREW 2 131 XSB26+5 SCREW 2 132 XQN26+A6FZ SCREW 2 132 XQN26+A6FZ SCREW 1 129 VEP8030C CCD PULSE P.C.BOARD 1 121 VEP80331C AUDIO LCD					
111 XYN3+K6RS SCREW 19 112 XYN3+K8 SCREW 2 117 XQN26+A4 SCREW 2 118 XTN3+6G SCREW 5 119 XYN26+K6 SCREW 5 121 XSB3+10VZ SCREW 4 123 XYN2+F4 SCREW 1 124 XYN26+K5 SCREW 3 126 XQS2+A4FZ SCREW 3 127 XSB3+10FCK SCREW 4 128 XTN26+6J SCREW 4 129 XSB3+6FR SCREW 2 130 XYN26+K6FR SCREW 2 131 XSB26+5 SCREW 2 132 XQN26+A6FZ SCREW 2 132 XQN26+A6FZ SCREW 1 129 VEP20800C CCD PULSE P.C.BOARD 1 121 VEP84331C AUDIO LCD P.C.BOARD 1 121 VEP80B4A		<u> </u>		+	
112 XYN3+K8 SCREW 2 117 XQN26+A4 SCREW 2 118 XTN3+6G SCREW 5 119 XYN26+K6 SCREW 5 121 XSB3+10VZ SCREW 4 123 XYN2+F4 SCREW 1 124 XYN26+K5 SCREW 3 126 XQS2+A4FZ SCREW 3 127 XSB3+10FCK SCREW 4 128 XTN26+6J SCREW 4 129 XSB3+6FR SCREW 2 130 XYN26+K6FR SCREW 2 131 XSB26+5 SCREW 2 132 XQN26+A6FZ SCREW 2 132 XQN26+A6FZ SCREW 2 E1 VEP25119A PRE AMP P.C.BOARD 1 E2 VEP20800C CCD PULSE P.C.BOARD 1 E3 VEP20798A DRIVE P.C.BOARD 1 E19 VEP80B49A					
117 XQN26+A4 SCREW 2 118 XTN3+6G SCREW 5 119 XYN26+K6 SCREW 5 121 XSB3+10VZ SCREW 4 123 XYN2+F4 SCREW 1 124 XYN26+K5 SCREW 3 126 XGS2+A4FZ SCREW 3 127 XSB3+10FCK SCREW 4 128 XTN26+6J SCREW 4 128 XTN26+6J SCREW 2 130 XYN26+K6FR SCREW 2 131 XSB26+5 SCREW 2 132 XQN26+A6FZ SCREW 2 132 XQN26+A6FZ SCREW 2 E1 VEP25119A PRE AMP P.C.BOARD 1 E2 VEP20800C CCD PULSE P.C.BOARD 1 E3 VEP20798A DRIVE P.C.BOARD 1 E17 VEP80315A POWER SW P.C.BOARD 1 E20 V	111	XYN3+K6RS			
118 XTN3+6G SCREW 5 119 XYN26+K6 SCREW 5 121 XSB3+10VZ SCREW 4 123 XYN2+F4 SCREW 1 124 XYN26+K5 SCREW 3 126 XQS2+A4FZ SCREW 3 127 XSB3+10FCK SCREW 4 128 XTN26+6J SCREW 4 129 XSB3+6FR SCREW 2 130 XYN26+K6FR SCREW 2 131 XSB26+5 SCREW 2 132 XQN26+A6FZ SCREW 2 132 XQN26+A6FZ SCREW 2 E1 VEP20800C CCD PULSE P.C.BOARD 1 E2 VEP20800C CCD PULSE P.C.BOARD 1 E17 VEP84331C AUDIO LCD P.C.BOARD 1 E19 VEP80B49A POWER SW P.C.BOARD 1 E20 VEP80B15A TOGGLE SW P.C.BOARD 1	112	XYN3+K8	SCREW	2	
119 XYN26+K6 SCREW 5 121 XSB3+10VZ SCREW 4 123 XYN2+F4 SCREW 1 124 XYN26+K5 SCREW 3 126 XGS2+A4FZ SCREW 3 127 XSB3+10FCK SCREW 4 128 XTN26+6J SCREW 4 129 XSB3+6FR SCREW 2 130 XYN26+K6FR SCREW 2 131 XSB26+5 SCREW 5 132 XQN26+A6FZ SCREW 2 132 XQN26+A6FZ SCREW 2 E1 VEP20500C CCD PULSE P.C.BOARD 1 E2 VEP20800C CCD PULSE P.C.BOARD 1 E3 VEP20798A DRIVE P.C.BOARD 1 E17 VEP80349A POWER SW P.C.BOARD 1 E20 VEP80B15A TOGGLE SW P.C.BOARD 1 E21 VEP80B57A MONITOR SW P.C.BOARD 1	117	XQN26+A4	SCREW	2	
119 XYN26+K6 SCREW 5 121 XSB3+10VZ SCREW 4 123 XYN2+F4 SCREW 1 124 XYN26+K5 SCREW 3 126 XGS2+A4FZ SCREW 3 127 XSB3+10FCK SCREW 4 128 XTN26+6J SCREW 4 129 XSB3+6FR SCREW 2 130 XYN26+K6FR SCREW 2 131 XSB26+5 SCREW 5 132 XQN26+A6FZ SCREW 2 132 XQN26+A6FZ SCREW 2 E1 VEP20500C CCD PULSE P.C.BOARD 1 E2 VEP20800C CCD PULSE P.C.BOARD 1 E3 VEP20798A DRIVE P.C.BOARD 1 E17 VEP80349A POWER SW P.C.BOARD 1 E20 VEP80B15A TOGGLE SW P.C.BOARD 1 E21 VEP80B57A MONITOR SW P.C.BOARD 1	118	XTN3+6G	SCREW	5	
121 XSB3+10VZ SCREW 4 123 XYN2+F4 SCREW 1 124 XYN26+K5 SCREW 3 126 XQS2+A4FZ SCREW 3 127 XSB3+10FCK SCREW 4 128 XTN26+6J SCREW 4 129 XSB3+6FR SCREW 2 130 XYN26+K6FR SCREW 2 131 XSB26+5 SCREW 2 132 XQN26+A6FZ SCREW 1 122 VEP20800C CCD PULSE P.C.BOARD 1 123 VEP20799A DRIVE P.C.BOARD 1 124 VEP80B15A TOGGLE SW P.C.BOARD 1 125 V					
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E24 VEP80B53A MENU SW P.C.BOARD 1 E25 VEP20799A CCD SENSOR P.C.BOARD 1 E28 VEP80B16B FRONT TOGGLE P.C.BOARD 1					
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E28 VEP80B16B FRONT TOGGLE P.C.BOARD 1	E24	VEP80B53A	MENU SW P.C.BOARD	1	
	E25	VEP20799A	CCD SENSOR P.C.BOARD	1	
	E28	VEP80B16B	FRONT TOGGLE P.C.BOARD	1	
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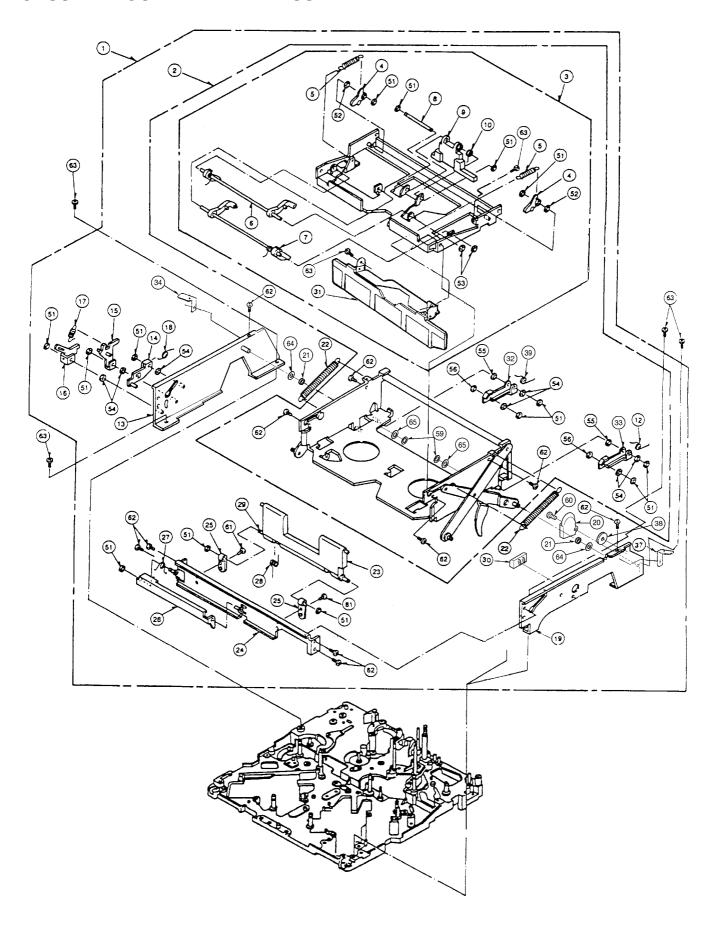
CHASSIS FRAME ASSEMBLY (3)



CHASSIS FRAME ASSEMBLY (3)

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks	Ref.No.	Part No. VEP23501A	Part Name & Description PRE PROCESS P.C.BOARD	Pcs	Remarks
	VYF2689	CASSETTE COVER ASS'Y	- 4		E5	VEP23501A VEP000G7A	CAMERA MOTHER P.C.BOARD	1	
	VYP7703	SIDE CASE (L) ASS'Y			E6	VEP000G7A VEP26234D	CAMERA MOTHER P.C.BOARD	- 1	
	VMG1334	PROTECT RUBBER	 		E7	VEP20234D VEP23509B	DSP 3 P.C.BOARD		ļ
			ļ <u>'</u>					1	
	VMG1270	E.E CAP	1		E8	VEP23500A	VIDEO OUT P.C.BOARD	1	
	VMX1558	NYLON WASHER	- 5		E9	VEP80B10A	VTR MOTHER P.C.BOARD	1	
	VMG1316	CASSETTE WATERPROOF GUM	1		E10	VEP86303D	VTR SYSCON P.C.BOARD	1	
	VXA6710	P.C.B. SUPPORT ANGLE	1		E11	VEP80B38A	SERVO FLEX P.C.BOARD	1	
٧	MP6380	ROTALLY ANGLE	1		E12	VEP82224C	SERVO P.C.BOARD	1	
	VMP6367	ROTALLY ANGLE	1		E13	VEP85179B	HEAD BUFF P.C.BOARD	1	
	VMP6368	ROTALLY ANGLE	1		E14	VEP87104B	RF EQ P.C.BOARD	1	
	VHD0325	SCREW	4		E15	VEP81192B	POWER MAIN P.C.BOARD	1	
	VMP6373	P.C.BOARD BOX	1		E16	VEP81204B	POWER SUB P.C.BOARD	1	
	VMP6374	P.C.BOARD BOX			E34	VEP20805A	MMC CARD P.C.BOARD	1	*
	VMP6375	P.C.BOARD BOX	:		E35	VEP20804A	INT CONNECT P.C.BOARD		
									}
	VMP6376	P.C.BOARD BOX	1		E36	VEP83462D	VIDEO MAIN P.C.BOARD	1	
	VMP6377	MMC P.C.B. HOLDER ANGLE	1		E37	VEP83460B	HD SDI TX P.C.BOARD	1	
	VGQ5771	GUIDE RAIL	2		E39	VEP80B73A	SIDE BNC P.C.BOARD	1	
	VMS4766	SPACER	5		E40	VEP80B74A	SDI BNC P.C.BOARD	1	
	VMS5504	POST	1		E41	VEP000X5	BATTERY FILTER P.C.BOARD	1	
	VMG1313	GUM CAP D	2			1		T	
	VEE0K19	V.MAIN-V.MOTHER CABLE	1	P9813		·		†	f
	VWJ15C2140L0	FLEXIBLE CABLE	†	P9819		-		t	
	VWJ19C2140L0 VWJ20C2170L0	FLAT CABLE	 	P9814		·	†	 	ł
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	VEE0J99	V.MOTHER-ECU CABLE	ļ ¹	P9816		-			ļ
	VEE0L52	RF-POWER CABLE	1	P9822		.	ļ	ļ	ļ
	VEE0L54	V.SYS-POWER CABLE	11	P9825		ļ		ļ	ļ
	VEE0K05	V.MAIN-V.MOTHER CABLE	1	P9823				<u></u>	
	VWJ08C2085L0	FLEXIBLE CABLE	1	P9824					
	VEE0K18	SERVO-V.MOTHER CABLE	1	P9818		I		Γ	
	VEE0J56	MOTHER-DSP CABLE	1			1		t	}
	VLF1446	FERRITE CORE	†	J0KD0000018		-		t	
	VMT0829	BODY DRIPPROOF SHEET	-			·	†	 	ł
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	VSC5162	SHIELD PLATE	1 1						
	VWJ40F9110L0	FLEXIBLE CABLE	1	P9803				ļ	
	VWJ40F9075L0	FLEXIBLE CABLE	1	P9805				_	\$
	VWJ50F9055L0	FLEXIBLE CABLE	1	P9812				L	
	VEE0L14	BATT. BRACKET CABLE	1	P9817				I	
2	VEE0L70	CABLE	1	P9807				T	
	VWJ50F9070L0	FLEXIBLE CABLE	1 1					†	1
	VWJ40F9060L0	FLEXIBLE CABLE	1						
; 	VMG0991	CUSHION	1				-	 	
		SDI CABLE						 	
; 	VEE0E12300								
	VEE0L73	CABLE	1 1					_	
3	VMP6387	ANGLE	1					_	
	VMP6449	ANGLE	11			ļ		ļ	ļ
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	VSC5197	SHIELD	1						
	VMZ3119	BARRIER	1			I		Γ	I
	VZT0045	CUSHION	2					†	
	VXA6711	ANGLE	1			· †		t	İ
	VMP6379	ANGLE	 			1		t	ł
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	VMG1340		ļ ¹			-		ļ	ļ
	VSC5130	SHIELD	↓ ¹			-		ļ	
	VMP6383	P.C.BOARD HOLDER ANGLE	11					_	Į
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 1	XSB3+10FCK	SCREW	† <u>-</u> -			-		t	ł
		SCREW	 					 	!
2	XSB3+30FCK		ļ <u>.</u>			-		ļ	ļ
3	XSB3+6FZ	SCREW	2					ļ	
4	XWGV4Y8G	WASHER	2			<u> </u>		ļ	ļ
5	XYN26+C4	SCREW	12					L	
3	XTV26+6G	SCREW	4						
7	XYN26+K6	SCREW	18				T	T	
)	XYN3+C8	SCREW	6			1	<u> </u>	t	İ
)	XYN3+K6RS	SCREW				-	t	†	ł
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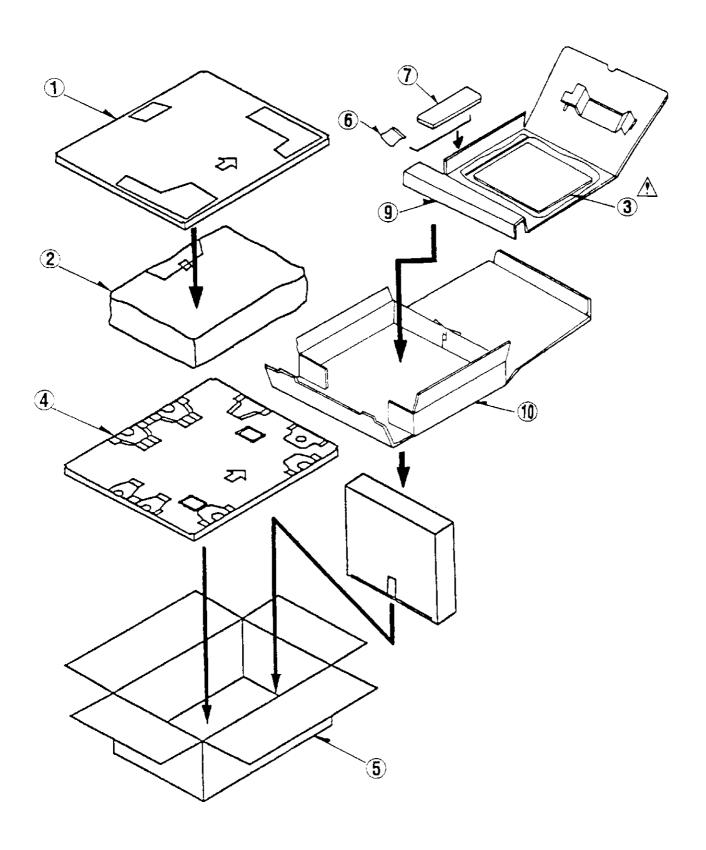
CASSETTE COMPARTMENT ASSEMBLY



CASSETTE COMPARTMENT ASSEMBLY

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
	. are NO.	. a.c. tamo a Description	. 53	Romano
1	VXA7339	CASSETTE UP ASS'Y	1	
2	VXA7344	HOLDER ASS'Y	1	
3	VXA6893	TOP PLATE	1	
4	VXL2696	PRESSURE LEVER	2	
5	VMB3063	PRESSURE LEVER SPRING	2	
6	VXA6728	PROTECTOR SHAFT (2) L	1	
7	VXA6729	PROTECTOR SHAFT (2) R	1	
8	VMS6198	PROTECTOR SHAFT	1	
9	VMD3951	PROTECTOR SHAFT (1)	1	
10	VMB3135	SHAFT RELESE SPRING	1	
12	VMB3140	LOCK RELEASE LEVER SPRING	1	
13	VXA6885	SIDE PLATE (L)	1	
14	VXL3050	RATCHET ARM	1	
15	VXL3060	RATCHET LOCK LEVER	1	
16	VXL3052	RATCHET LEVER	1	
17	VMB2981	RATCHET SPRING	1	
18	VMB3146	LOCK LEVER SPRING	1	
19	VMA0G46	SIDE PLATE (R)A	1	
20	VXP0891	DUMPER	1	
21	VDP0967	MAIN ARM ROLLER	2	
22	VMB3133	UP SPRING	2	
			+	
23	VXA6853	PROTECTOR PLATE	1	
24	VXA6888	BACK PLATE	1	
25	VMD2793	SHAFT	2	
26	VML3555	RATCHET TIMING LEVER	1	
27	VMB2982	SPRING	1	
28	VMB3134	PLATE RELEASE SPRING	1	
29	VMS6211	PROTECTOR PLATE SHAFT	1	
30	VMD0997	HOLDER GUIDE	1	
31	VXA6730	WATER PROOF ASS'Y	1	
32	VML3651	RELEASE LEVER (L)	1	
33	VML3652	RELEASE LEVER (R)	1	
34	VMA0G36	SIDE RAIN FORCE L	1	
37	VMA0G37	SIDE RAIN FORCE R	1	
38	VDG1456	DUMPER GEAR	1	
39	VMB3164	LOCK RELEASE LEVER SPRING	1	
			 	
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51	VMX0967	CUT WASHER	14	
52	XWGV2D5G	WASHER	2	
53	VMX1079	CUT WASHER	2	
54	XWGV2Y5G	WASHER	7	
55	XWGV2Z5G	WASHER	2	
56	XWGV2F5G	WASHER	2	
59	XUC2FP	E-RING	2	
60	XQN16+A6	SCREW	1	
61	XQN2+A3	SCREW	2	
62	VHD1323	SCREW	10	
63	LMHD16064	SCREW	6	
64	XWGV3Y8G	WASHER	2	
65	XWGV4Y8G	WASHER	2	
				
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1 VYQ2047 CUSHION (U) 1 2 VPF0230 POLYETHYLENE BAG 1	marks
2 VPF0230 POLYETHYLENE BAG 1 ⚠ 3 VQT9418 OPERATING INSTRUCTIONS 1 4 VYQ2048 CUSHION (B) 1 5 VPG0A84 PACKING CASE 1 6 VEJ1672 BATTERY ADAPTOR ASSY 1 7 VFC3443 SHOULDER BELT 1 9 VPK2298 ACCESSORY BOX (B) 1	
⚠ 3 VQT9418 OPERATING INSTRUCTIONS 1 4 VYQ2048 CUSHION (B) 1 5 VPG0A84 PACKING CASE 1 6 VEJ1672 BATTERY ADAPTOR ASSY 1 7 VFC3443 SHOULDER BELT 1 9 VPK2298 ACCESSORY BOX (B) 1	
4 VYQ2048 CUSHION (B) 1 5 VPG0A84 PACKING CASE 1 6 VEJ1672 BATTERY ADAPTOR ASSY 1 7 VFC3443 SHOULDER BELT 1 9 VPK2298 ACCESSORY BOX (B) 1	
5 VPG0A84 PACKING CASE 1 6 VEJ1672 BATTERY ADAPTOR ASSY 1 7 VFC3443 SHOULDER BELT 1 9 VPK2298 ACCESSORY BOX (B) 1	
6 VEJ1672 BATTERY ADAPTOR ASSY 1 7 VFC3443 SHOULDER BELT 1 9 VPK2298 ACCESSORY BOX (B) 1	
7 VFC3443 SHOULDER BELT 1 9 VPK2298 ACCESSORY BOX (B) 1	
9 VPK2298 ACCESSORY BOX (B) 1	
The content of the	

ELECTRICAL REPLACEMNT PARTS LIST

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
■ E1	VEP25119A	PRE AMP P.C.BOARD	1	(RTL)
■ E2	VEP20800C	CCD PULSE P.C.BOARD	1	(RTL)
■ E3	VEP20798A	DRIVE P.C.BOARD	1	(RTL)
■ E4	VEP23501A	PRE PROCESS P.C.BOARD	1	(RTL)
■ E5	VEP000G7A	CAMERA MOTHER P.C.BOARD	1	(RTL)
■ E6	VEP26234D	CAMERA SYSCON P.C.BOARD	1	(RTL)
■ E7	VEP23509B	DSP 3 P.C.BOARD	1	(RTL)
■ E8	VEP23500A	VIDEO OUT P.C.BOARD	1	(RTL)
■ E9	VEP80B10A	VTR MOTHER P.C.BOARD	1	(RTL)
■ E10	VEP86303D	VTR SYSCON P.C.BOARD	1	(RTL)
■ E11	VEP80B38A	SERVO FLEX P.C.BOARD	1	(RTL)
■ E12	VEP82224C	SERVO P.C.BOARD	1	(RTL)
■ E13	VEP85179B	HEAD BUFF P.C.BOARD	1	(RTL)
■ E14	VEP87104B	RF EQ P.C.BOARD	1	(RTL)
■ E15	VEP81192B	POWER MAIN P.C.BOARD	1	(RTL)
■ E16	VEP81204B	POWER SUB P.C.BOARD	1	(RTL)
■ E17	VEP84331C	AUDIO LCD P.C.BOARD	1	(RTL)
■ E18	VEP80B13B	REAR JACK P.C.BOARD	1	(RTL)
■ E19	VEP80B49A	POWER SW P.C.BOARD	1	(RTL)
■ E20	VEP80B15A	TOGGLE SW P.C.BOARD	1	(RTL)
■ E21	VEP80B47A	MONITOR SW P.C.BOARD	1	(RTL)
■ E22	VEP80B50A	SYNCHRO SW P.C.BOARD	1	(RTL)
■ E23	VEP80B51A	USER SW P.C.BOARD	1	(RTL)
■ E24	VEP80B53A	MENU SW P.C.BOARD	1	(RTL)
■ E25	VEP20799A	CCD SENSOR P.C.BOARD	1	(RTL)
■ E26	VEP00W08B	HEAD PHONE P.C.BOARD	1	(RTL)
■ E27	VEP80B75A	EXT DC P.C.BOARD	1	(RTL)
■ E28	VEP80B16B	FRONT TOGGLE P.C.BOARD	1	(RTL)
■ E29	VEP80B52A	JOG MENU P.C.BOARD	1	(RTL)
■ E30	VEP80B45A	REAR SW P.C.BOARD	1	(RTL)
■ E31	VEP84353A	CUE P.C.BOARD	1	(RTL)
■ E32	VEP86149A	OPERATE P.C.BOARD	1	(RTL)
■ E33	VEP80B17A	FRONT MIC P.C.BOARD	1	(RTL)
■ E34	VEP20805A	MMC CARD P.C.BOARD	1	(RTL)
■ E35	VEP20804A	INT CONNECT P.C.BOARD	1	(RTL)
■ E36	VEP83462D VEP81225A	VIDEO MAIN P.C.BOARD VIDEO MAIN SUB P.C.BOARD		(RTL) (RTL)FOR VEP83462D
■ E37	VEP83460B	HD SDI TX P.C.BOARD	1	(RTL)

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
■ E38	VEP80A74A	BACK TALLY P.C.BOARD	1	(RTL)
■ E39	VEP80B73A	SIDE BNC P.C.BOARD	1	(RTL)
■ E40	VEP80B74A	SDI BNC P.C.BOARD	2	(RTL)
■ E41	VEP000X5A	BATT FILTER P.C.BOARD	1	(RTL)
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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
■ E1	VEP25119A	PRE AMP P.C.BOARD	1	(RTL)
	72. 2011671	11271111 110.50711.5		(1112)
C1	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C2	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C3	ECST1CV476	E.CAPACITOR CH 16V 47M	1	
C4,C5 C6,C7	ECUX1E104ZFV ECST1CY685Z	C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 16V 6.8U	2	
C8	ECST1C10032	E.CAPACITOR CH 16V 6.60	1	
C9-14	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	6	
C17-19	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	3	
C22	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C23,24	VCEA0JSS330	E.CAPACITOR 6.3V 33U	2	
C101	ECST1VV106	E.CAPACITOR CH 35V 10M	1	
C102	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C103	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C104	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C105	ECUX1E104ZFV ECHU1C103JB	C.CAPACITOR CH 25V 0.1U	1	
C106	ECST1CY685Z	C.CAPACITOR CH 16V 0.1U T.CAPACITOR CH 16V 6.8U	1	
C108	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C109	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C110	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C113	ECHU1C103JB	C.CAPACITOR CH 16V 0.1U	1	
C114-19	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	6	
C120	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C121	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C122	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C123	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C126	ECHU1C103JB	C.CAPACITOR CH 16V 0.1U	1	
C127	ECUX1H010CCV ECUX1E104ZFV	C.CAPACITOR CH 50V 1P C.CAPACITOR CH 25V 0.1U	1	
C201	ECST1VV106	E.CAPACITOR CH 25V 0.10	1	
C202	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C203	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C204	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C205	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C206	ECHU1C103JB	C.CAPACITOR CH 16V 0.1U	1	
C207	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C208	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C209	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C210	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C213	ECHU1C103JB	C.CAPACITOR CH 16V 0.1U	1	
C214-19 C220	ECUX1E104ZFV ECST1CY685Z	C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 16V 6.8U	1	
C220 C221		C.CAPACITOR CH 16V 6.60	1	
C222	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C223	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C226	ECHU1C103JB	C.CAPACITOR CH 16V 0.1U	1	
C227		C.CAPACITOR CH 50V 1P	1	
C228	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C301	ECST1VV106	E.CAPACITOR CH 35V 10M	1	
C302	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C303	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C304	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C305 C306	ECUX1E104ZFV ECHU1C103JB	C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 16V 0.1U	1	
C306	ECHUTCT03JB ECST1CY685Z	T.CAPACITOR CH 16V 0.10	1	
C307	ECUX1E104ZFV	C.CAPACITOR CH 16V 6.60	1	
C309	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C310	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C313	ECHU1C103JB	C.CAPACITOR CH 16V 0.1U	1	
C314-19	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	6	
C320	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C321	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C322	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C323	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C326	ECHU1C103JB	C.CAPACITOR CH 16V 0.1U	1	
C327 C328	ECUX1H010CCV ECUX1E104ZFV	C.CAPACITOR CH 50V 1P C.CAPACITOR CH 25V 0.1U	1	
C331	VCEA1ASS101	E.CAPACITOR CH 25V 0.10	1	
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DL1	VLD0417010	DELAY LINE	1	
DL2	VLD0417050	DELAY LINE	1	

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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
DL101	VLD0418065	DELAY LINE	1	
DL201	VLD0418065	DELAY LINE	1	
DL301	VLD0418065	DELAY LINE	1	
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FL101	VLF1508	FILTER	1	
FL102	VLF1509	FILTER	1	
FL201	VLF1508	FILTER	1	
FL202	VLF1509	FILTER	1	
FL301	VLF1508	FILTER	1	
FL302	VLF1509	FILTER	1	
104	11110100000 5	10	L.,	
IC1	LM4040CIX2.5	IC	1	
IC2	NJM072BV	IC	1	
IC3-C5	TC7SZ08F TC7SZ08F	IC IC	1	
	CLC505AJE	IC IC	2	C0ABAB000024
IC101,02	TC7W53F	IC	1	CUABABUUUU24
IC103 IC104	CLC505AJE	IC IC	1	C0ABAB000024
IC201,02	CLC505AJE CLC505AJE	IC		C0ABAB000024
IC203	TC7W53F	IC	1	COADADOU0024
IC204	CLC505AJE	IC	<u></u>	C0ABAB000024
IC301,02	CLC505AJE CLC505AJE	IC	2	C0ABAB000024
IC304	CLC505AJE	IC		C0ABAB000024
IC304	TC7W53F	IC IC	1	OU/10/10/00/24
10303	101 W33F		 	
L1-L5	VLP0321A300	FERRITE CORE	5	
L1-LO	VEF 032 IM300	I LIMITE GORE	⊢°	
P1	VJP3262E020	CONNECTOR (MALE)	1	
P2	VJP4395D008	CONNECTOR (MALE)	1	
P101	VJP4395C003		1	
P201	VJP4395C003	CONNECTOR (MALE) CONNECTOR (MALE)	1	
P301	VJP4395C003		1	
F301	VJF4395C003	CONNECTOR (MALE)		
Q1	2SB1073	TRANSISTOR	1	
Q2	2SC4176	TRANSISTOR	1	B1ABDB000014
Q2 Q3	2SD1119	TRANSISTOR	1	B 1ABDB000014
Q3 Q4	2SA1610	TRANSISTOR	1	
Q101-04	2SA1610	TRANSISTOR	4	
Q105	2SC4176	TRANSISTOR	1	B1ABDB000014
Q106	2SA1610	TRANSISTOR	1	B1/10/2000014
Q107,08	2SC4176	TRANSISTOR		B1ABDB000014
Q107,00	2SA1610	TRANSISTOR	2	B1ABBB000014
Q201-04	2SA1610	TRANSISTOR	4	
Q205	2SC4176	TRANSISTOR	1	B1ABDB000014
Q206	2SA1610	TRANSISTOR	1	2.1.2.2.2.2.2.1
Q207,08	2SC4176	TRANSISTOR	2	B1ABDB000014
Q209,10	2SA1610	TRANSISTOR		
Q301-04	2SA1610	TRANSISTOR	4	
Q305	2SC4176	TRANSISTOR	1	B1ABDB000014
Q306	2SA1610	TRANSISTOR	1	
Q307,08	2SC4176	TRANSISTOR	<u></u>	B1ABDB000014
Q309,10	2SA1610	TRANSISTOR	2	
			† <u> </u>	
R1	ERJ3RBD272	M.RESISTOR CH 1/16W 2.7K	1	
R2	ERJ3RBD202	M.RESISTOR CH 1/16W 2K	1	
R3	ERJ3RBD153	M.RESISTOR CH 1/16W 15K	1	
R4	ERJ3RBD123	M.RESISTOR CH 1/16W 12K	1	
R5	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R6	ERJ3RBD331	M.RESISTOR CH 1/16W 330	1	
R7	ERJ3RBD562	M.RESISTOR CH 1/16W 5.6K	1	
R8	ERJ3RBD272	M.RESISTOR CH 1/16W 2.7K	1	
R9	ERJ3RBD153	M.RESISTOR CH 1/16W 15K	1	
R10	ERJ3RED100	M.RESISTOR CH 1/16W 10	1	
R11	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R12	ERJ3RBD331	M.RESISTOR CH 1/16W 330	1	
R13	ERJ3RED100	M.RESISTOR CH 1/16W 10	1	
		M.RESISTOR CH 1/16W 100K	1	
R14	ERJ3RBD104		1	
R14 R18	ERJ3RBD104 ERJ3RBD391	M.RESISTOR CH 1/16W 390		
		M.RESISTOR CH 1/16W 390 M.RESISTOR CH 1/16W 150	1	
R18	ERJ3RBD391			
R18 R19	ERJ3RBD391 ERJ3RBD151	M.RESISTOR CH 1/16W 150	1	
R18 R19 R20	ERJ3RBD391 ERJ3RBD151 ERJ3RBD391	M.RESISTOR CH 1/16W 150 M.RESISTOR CH 1/16W 390	1	
R18 R19 R20 R21	ERJ3RBD391 ERJ3RBD151 ERJ3RBD391 ERJ3RBD151	M.RESISTOR CH 1/16W 150 M.RESISTOR CH 1/16W 390 M.RESISTOR CH 1/16W 150	1	
R18 R19 R20 R21 R23-25	ERJ3RBD391 ERJ3RBD151 ERJ3RBD391 ERJ3RBD151 ERJ3RBD101	M.RESISTOR CH 1/16W 150 M.RESISTOR CH 1/16W 390 M.RESISTOR CH 1/16W 150 M.RESISTOR CH 1/16W 100	1 1 3	
R18 R19 R20 R21 R23-25 R26	ERJ3RBD391 ERJ3RBD151 ERJ3RBD391 ERJ3RBD151 ERJ3RBD101 ERJ3GEY0R00	M.RESISTOR CH 1/16W 150 M.RESISTOR CH 1/16W 390 M.RESISTOR CH 1/16W 150 M.RESISTOR CH 1/16W 100 M.RESISTOR CH 1/16W 0	1 1 1 3	
R18 R19 R20 R21 R23-25 R26 R27,28	ERJ3RBD391 ERJ3RBD151 ERJ3RBD391 ERJ3RBD151 ERJ3RBD101 ERJ3GEY0R00 ERJ6GEY0R00	M.RESISTOR CH 1/16W 150 M.RESISTOR CH 1/16W 390 M.RESISTOR CH 1/16W 150 M.RESISTOR CH 1/16W 100 M.RESISTOR CH 1/16W 0 M.RESISTOR CH 1/10W 0	1 1 3 1 2	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R102	ERJ3RBD223	M.RESISTOR CH 1/16W 22K	1	
R103	ERJ3RBD303	M.RESISTOR CH 1/16W 30K	1	
R104,05	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	2	
R106	ERJ3RBD203 ERJ3RBD101	M.RESISTOR CH 1/16W 20K M.RESISTOR CH 1/16W 100	2	
R107,08 R109	ERJ3GEY0R00	M.RESISTOR CH 1/16W 100 M.RESISTOR CH 1/16W 0	1	
R110,11	ERJ3RBD101	M.RESISTOR CH 1/16W 100	2	
R115	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	
R117,18	ERJ3RBD301	M.RESISTOR CH 1/16W 300	2	
R119,20	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	2	
R121	ERJ3RBD303	M.RESISTOR CH 1/16W 30K	1	
R122-25	ERJ3RBD221	M.RESISTOR CH 1/16W 220	4	
R126-28	ERJ3RBD472	M.RESISTOR CH 1/16W 4.7K	3	
R129	ERJ3RBD511	M.RESISTOR CH 1/16W 510	1	
R131	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R132	ERJ3RBD753	M.RESISTOR CH 1/16W 75K	1	
R133 R134	ERJ3RED510 ERJ3GEY0R00	M.RESISTOR CH 1/16W 51 M.RESISTOR CH 1/16W 0	1	
R135	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R136	ERJ3RBD393	M.RESISTOR CH 1/16W 39K	1	
R137	ERJ3RBD332	M.RESISTOR CH 1/16W 3.3K	1	
R138,39	ERJ3RBD201	M.RESISTOR CH 1/16W 200	2	
R141	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R142	ERJ3RBD123	M.RESISTOR CH 1/16W 12K	1	
R143	ERJ3RBD392	M.RESISTOR CH 1/16W 3.9K	1	
R144	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R201	ERJ3RBD392	M.RESISTOR CH 1/16W 3.9K	1	
R202	ERJ3RBD223	M.RESISTOR CH 1/16W 22K	1	
R203	ERJ3RBD303	M.RESISTOR CH 1/16W 30K	1	
R204,05 R206	ERJ3RBD102 ERJ3RBD203	M.RESISTOR CH 1/16W 1K M.RESISTOR CH 1/16W 20K	1	
R207,08	ERJ3RBD101	M.RESISTOR CH 1/16W 100	2	
R209	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R210,11	ERJ3RBD101	M.RESISTOR CH 1/16W 100	2	
R215	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	
R217,18	ERJ3RBD301	M.RESISTOR CH 1/16W 300	2	
R219,20	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	2	
R221	ERJ3RBD303	M.RESISTOR CH 1/16W 30K	1	
R222-25	ERJ3RBD221	M.RESISTOR CH 1/16W 220	4	
R226-28	ERJ3RBD472	M.RESISTOR CH 1/16W 4.7K	3	
R229	ERJ3RBD511	M.RESISTOR CH 1/16W 510	1	
R231 R232	ERJ3RBD102 ERJ3RBD753	M.RESISTOR CH 1/16W 1K M.RESISTOR CH 1/16W 75K	1	
R233	ERJ3RED510	M.RESISTOR CH 1/16W 75K	1	
R234	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R235	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R236	ERJ3RBD393	M.RESISTOR CH 1/16W 39K	1	
R237	ERJ3RBD332	M.RESISTOR CH 1/16W 3.3K	1	
R238,39	ERJ3RBD201	M.RESISTOR CH 1/16W 200	2	
R241	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R242	ERJ3RBD123	M.RESISTOR CH 1/16W 12K	1	
R243	ERJ3RBD392	M.RESISTOR CH 1/16W 3.9K	1	
R244	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R301	ERJ3RBD392	M.RESISTOR CH 1/16W 3.9K	1	
R302 R303	ERJ3RBD223 ERJ3RBD303	M.RESISTOR CH 1/16W 22K M.RESISTOR CH 1/16W 30K	1	
R304.05	ERJ3RBD102	M.RESISTOR CH 1/16W 30K	2	
R306	ERJ3RBD203	M.RESISTOR CH 1/16W 20K	1	
R307,08	ERJ3RBD101	M.RESISTOR CH 1/16W 100	2	
R309	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R310,11	ERJ3RBD101	M.RESISTOR CH 1/16W 100	2	
R315	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	
R317,18	ERJ3RBD301	M.RESISTOR CH 1/16W 300	2	
R319,20	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	2	
R321	ERJ3RBD303	M.RESISTOR CH 1/16W 30K	1	
R322-25	ERJ3RBD221	M.RESISTOR CH 1/16W 220	4	
R326-28	ERJ3RBD472	M.RESISTOR CH 1/16W 4.7K	3	
R329	ERJ3RBD511	M.RESISTOR CH 1/16W 510	1	
R331 R332	ERJ3RBD102 ERJ3RBD753	M.RESISTOR CH 1/16W 1K M.RESISTOR CH 1/16W 75K	1	
R333	ERJ3RED510	M.RESISTOR CH 1/16W 75K	1	
R334	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R335	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R336	ERJ3RBD393	M.RESISTOR CH 1/16W 39K	1	
R337	ERJ3RBD332	M.RESISTOR CH 1/16W 3.3K	1	

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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R338,39	ERJ3RBD201	M.RESISTOR CH 1/16W 200	2	
R341	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R342	ERJ3RBD123	M.RESISTOR CH 1/16W 12K	1	
R343	ERJ3RBD392	M.RESISTOR CH 1/16W 3.9K	1	
R344	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
TG1,G2	EYF6CU	TEST POINT	2	
.0.,02	2000	120.1.0	+	
TD4	EVECOL	TEST POINT	٠.	
TP1	EYF6CU	TEST POINT	1	
TP101	EYF6CU	TEST POINT	1	
TP103	EYF6CU	TEST POINT	1	
TP201	EYF6CU	TEST POINT	1	
TP203	EYF6CU	TEST POINT	1	
TP301	EYF6CU	TEST POINT	1	
TP303	EYF6CU	TEST POINT	1	
VP101	\/D\/0202B202A	V PESISTOR 20K		D3EC3203A003
VR101	VRV0303B203A	V.RESISTOR 20K	1	D3EC3203A002
VR102	VRV0303B502	V.RESISTOR 5K	1	
VR201	VRV0303B203A	V.RESISTOR 20K	1	D3EC3203A002
VR202	VRV0303B502	V.RESISTOR 5K	1	
VR301	VRV0303B203A	V.RESISTOR 20K	1	D3EC3203A002
VR302	VRV0303B502	V.RESISTOR 5K	1	
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■ E2	VEP20800C	CCD PULSE P.C.BOARD	1	(RTL)
	1		1	
C1	ECST1VY334Z	T.CAPACITOR CH 35V 0.33U	1	
C2,C3	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
			+	
C4	ECST1AC476R	T.CAPACITOR CH 10V 47U	1	
C5-C7	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C9	ECST1AC476R	T.CAPACITOR CH 10V 47U	1	
C11-13	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C15	ECST1CV476	E.CAPACITOR CH 16V 47M	1	
C16	ECUX1H470JCV	C.CAPACITOR CH 50V 47P	1	
C17-19	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C20	ECHU1C103JB	C.CAPACITOR CH 16V 0.1U	1	
C21	ECHU1H682JB	P.CAPACITOR 50V 6800P	1	
C22	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C23	ECUX1H560JCV	C.CAPACITOR CH 50V 56P	1	
C24	ECUX1H050CCV	C.CAPACITOR CH 50V 5P	1	
C25	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C26	ECUX1H680JCV	C.CAPACITOR CH 50V 68P	1	
C27	ECUX1H560JCV	C.CAPACITOR CH 50V 56P	1	
C28	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
	+			
C29-50		C.CAPACITOR CH 25V 0.1U	22	
C51,52		C.CAPACITOR CH 50V 10P	2	
C53	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C54	ECUX1H100DCV	C.CAPACITOR CH 50V 10P	1	
C55,56	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C57	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C58,59		C.CAPACITOR CH 25V 0.1U	2	
C60	ECST1CV476	E.CAPACITOR CH 16V 47M	1	
			1	
C61	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	+	
C62	VCEA0JSS221	E.CAPACITOR 6.3V 220U	1	
C63	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C64	ECST1VY105Z	T.CAPACITOR CH 35V 1U	1	
C65,66	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C67	ECST1VY334Z	T.CAPACITOR CH 35V 0.33U	1	
C68,69	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C70	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
	ECST1CV476		2	
C71,72		E.CAPACITOR CH 16V 47M	+	
C73,74		C.CAPACITOR CH 25V 0.1U	2	
C75,76	VCEA0JAP470	C.CAPACITOR 6.3V 47P	2	
C79	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C80	EEUFC0J222	E.CAPACITOR 6.3V 2200U	1	
C81	ECUX1H220JCV	C.CAPACITOR CH 50V 22P	1	
C82,83		C.CAPACITOR CH 25V 0.1U	2	
C87,88	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
		2.2.2.7.0.7.0.7.0.7.207 0.70	+-	
	MAAFOA	DIODE	٠.	
D1	MA153A	DIODE	1	
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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
DL1	VLD0417015	DELAY LINE	1	
DL2	VLD0417035	DELAY LINE	1	
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IC1	51957BFP	IC	1	
IC2	UPD65943G034	IC	1	
IC6	74HC4046MTCX	IC	1	
IC7	NJU7061V	IC	1	
IC8	TLCX74FT	IC	1	
IC9	TLCX86FT	IC	1	
IC10	TC7SZ00F	IC	1	
IC11	TC7SZ08F	IC	1	
IC12	TC7SZ00F	IC	1	
IC13	TLCX74FT	IC	1	
IC14-18	TC7SZ08F	IC	5	
IC20	TC7SZ08F	IC	1	
IC23	TC7SZ08F	IC	1	
IC26	TC7SZ08F	IC	1	
IC28	TVHT244FT	IC	1	
IC29	S29L330AFS	IC	1	
IC31	TC7S00FU	IC	1	
IC32	TC7W08FU	IC	1	
IC33	NJM074V	IC	1	
IC34	LM4040CIX2.5	IC	1	
IC35	TC7SZ08F	ic	1	
IC36	TVHC157FT	IC	1	
IC39	LVX3245QSC	IC	1	
			L	
ID29	VVVSI3688	SOFTWARE	1	
J11,12	VJR1094	TERMINAL	2	
L1,L2	VLQ0319K100	COIL 10UH	2	G1C100K00023
L3	VLQ0923G33N	COIL 33UH	1	
L4,L5	VLQ0319K100	COIL 10UH	2	G1C100K00023
P1	VJP4064P060	CONNECTOR (MALE)	1	
P5	VJS3262D020	CONNECTOR (FEMALE)	1	
P6	VJP4395D008	CONNECTOR (MALE)	1	
P7	VJS2907D006	CONNECTOR (FEMALE)	1	
	V002307 D000	OCHALOTOK (FEMALE)	<u> </u>	
Q1,Q2	2SC3356-B	TRANSISTOR	2	
Q3	2SB1073-R	TRANSISTOR	1	
Q4	2SD1819A-R	TRANSISTOR	1	
Q5	2SB1073-R	TRANSISTOR	1	
		TRANSISTOR	-	
Q6	2SD1119-R	TRANSISTOR	1	
	ED 100000450	M DECICEO CILLAGON ASIA		
R1	ERJ3RBD153	M.RESISTOR CH 1/16W 15K	1	
R2		M.RESISTOR CH 1/16W 12K	1	
R3	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R4	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R6-R9	ERJ3RED100	M.RESISTOR CH 1/16W 10	4	
R10	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R11	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R12,13	ERJ3RED100	M.RESISTOR CH 1/16W 10	2	
R14	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R17	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R18	ERJ3RED100	M.RESISTOR CH 1/16W 10	1	
R20	ERJ3RED100	M.RESISTOR CH 1/16W 10	1	
R22	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R23-26	ERJ3RED100	M.RESISTOR CH 1/16W 10	4	
R31-34	ERJ3RED100	M.RESISTOR CH 1/16W 10	4	
R37,38	ERJ3RED100	M.RESISTOR CH 1/16W 10	2	
R39,40	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	2	
R41	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	1	
R42	ERJ3RBD183	M.RESISTOR CH 1/16W 18K	1	
R43,44	ERJ3RBD273	M.RESISTOR CH 1/16W 27K	2	
R45	ERJ3RBD433	M.RESISTOR CH 1/16W 43K	1	
R46	ERJ3RBD622	M.RESISTOR CH 1/16W 6.2K	1	
R47	ERJ3RBD471	M.RESISTOR CH 1/16W 470	1	
R48	ERJ3RBD821	M.RESISTOR CH 1/16W 820	1	
R49	ERJ3RBD471	M.RESISTOR CH 1/16W 470	1	
R50	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	
R51,52	ERJ3RBD472	M.RESISTOR CH 1/16W 4.7K	2	
R53	ERJ3RBD561	M.RESISTOR CH 1/16W 4.7K	1	
R54	ERJ3RBD362	M.RESISTOR CH 1/16W 3.6K	1	
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Ref.No.	Part No.	Part Name & Description	Pcs 1	Remarks
R55	ERJ3RBD272	M.RESISTOR CH 1/16W 2.7K M.RESISTOR CH 1/16W 200	4	
R56-59	ERJ3RBD201 ERJ3RED100	M.RESISTOR CH 1/16W 200 M.RESISTOR CH 1/16W 10	1	
R61	ERJ3RBD103	M.RESISTOR CH 1/16W 10	1	
R62-66		M.RESISTOR CH 1/16W 10K	5	
R67	ERJ3RBD104 ERJ3RBD103	M.RESISTOR CH 1/16W 100K	1	
R68,69	ERJ3GEY0R00	M.RESISTOR CH 1/16W 10K	2	
R74-77	ERJ3RBD104	M.RESISTOR CH 1/16W 100K	4	
R78-80	ERJ3RBD101	M.RESISTOR CH 1/16W 100R	3	
R81	ERJ3RED100	M.RESISTOR CH 1/16W 10	1	
R82	ERJ3RBD104	M.RESISTOR CH 1/16W 100K	1	
R83	ERJ3RBD202	M.RESISTOR CH 1/16W 2K	1	
R84	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R85	ERJ3RBD202	M.RESISTOR CH 1/16W 2K	1	
R86	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R87	ERJ3RBD331	M.RESISTOR CH 1/16W 330	1	
R88	ERJ3RBD512	M.RESISTOR CH 1/16W 5.1K	1	
R89	ERJ3RBD272	M.RESISTOR CH 1/16W 2.7K	1	
R90	ERJ3RBD202	M.RESISTOR CH 1/16W 2K	1	
R91	ERJ3RBD222	M.RESISTOR CH 1/16W 2.2K	1	
R92	ERJ3RED100	M.RESISTOR CH 1/16W 10	1	
R93,94	ERJ3RBD153	M.RESISTOR CH 1/16W 15K	2	
R95	ERJ3RBD123	M.RESISTOR CH 1/16W 12K	1	
R96,97	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	2	
R98,99	ERJ3RBD473	M.RESISTOR CH 1/16W 47K	2	
R106	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R114	ERJ3RBD104	M.RESISTOR CH 1/16W 100K	1	
R118	ERJ3RED120	M.RESISTOR CH 1/16W 12	1	
R121	ERJ3RED120	M.RESISTOR CH 1/16W 12	1	
R124	ERJ3RED120	M.RESISTOR CH 1/16W 12	1	
R126	ERDS2TJ222	C.RESISTOR 1/4W 2.2K	1	
TG1,G2	EYF6CU	TEST POINT	2	
TP1-P3	EYF6CU	TEST POINT	3	
X1	VCX199EL1485	CRYSTAL OSCILLATOR	1	
■ E3	VEP20798A	DRIVE P.C.BOARD	1	(RTL)
C4-10	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	7	
C11	ECST1EY155	T.CAPACITOR CH 25V 1.5U	1	
C12	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C13	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C14-19	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	6	
C20-25	ECUX1E105KBM	C.CAPACITOR CH 25V 1U	6	
C26	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C27	ECST1EY155	T.CAPACITOR CH 25V 1.5U	1	
C28	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C29	ECST1EY155	T.CAPACITOR CH 25V 1.5U	1	
C33	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C34-37	ECST1CV476	E.CAPACITOR CH 16V 47M	4	
C38	EEUFC1E471	E.CAPACITOR 25V 470U	1	
C39	EEUFC1E222	E.CAPACITOR 25V 2200U	1	
C40	ECJ3VC1H821J	T.CAPACITOR CH 50V 820P	1	
C41,42	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C43	VCEA1DAP101	E.CAPACITOR 20V 100U	1	
C44	ECJ3VC1H821J	T.CAPACITOR CH 50V 820P	1	
C45,46	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C47	ECST1VV106	E.CAPACITOR CH 35V 10M	1	
C48,49	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C50	EEUFC1H100	E.CAPACITOR 50V 10U	1	
C51	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C52	ECJ3VC1H821J	T.CAPACITOR CH 50V 820P	1	
050	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C53		E CARACITOR OLLACY 4714		
C54	ECST1CV476	E.CAPACITOR CH 16V 47M	1	
C54 C55	ECST1CV476 ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C54 C55 C56	ECST1CV476 ECUX1E104ZFV ECJ3VC1H821J	C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 50V 820P	1	
C54 C55 C56 C57	ECST1CV476 ECUX1E104ZFV ECJ3VC1H821J ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 50V 820P C.CAPACITOR CH 25V 0.1U	1 1	
C54 C55 C56	ECST1CV476 ECUX1E104ZFV ECJ3VC1H821J	C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 50V 820P	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C59	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C60	ECJ3VC1H821J	T.CAPACITOR CH 50V 820P	1	
C61	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C62	VCEA1DAP101	E.CAPACITOR 20V 100U	1	
C63	ECST1CX106Z	T.CAPACITOR CH 16V 10U	1	
C64	ECJ3VC1H821J	T.CAPACITOR CH 50V 820P	1	
C65	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C66	ECST1VV106	E.CAPACITOR CH 35V 10M	1	
C67-71	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	5	
C72	ECHU1C473JB	P.CAPACITOR 16V 0.047U	1	
C73-76	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	4	
C77	EEUFC1H2R2	E.CAPACITOR 50V 2.2U	1	
C78	EEUFC1H100	E.CAPACITOR 50V 10U	1	
C79	ECST1VY105Z	T.CAPACITOR CH 35V 1U	1	
C80,81	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C82	ECST1VV106	E.CAPACITOR CH 35V 10M	1	
C83	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C84,85	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C86	ECST1CV476	E.CAPACITOR CH 16V 47M	1	
C87	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C88,89	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C92	VCEA1ASS101	E.CAPACITOR 10V 100U	1	
C93	VCEA1AAP221	E.CAPACITOR 10V 220U	1	F2D1A2210001
C94	ECJ3VC1H821J	T.CAPACITOR CH 50V 820P	1	
C95,96	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C97	ECST1CV476	E.CAPACITOR CH 16V 47M	1	
C110-20	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	11	
			+-	
D1-D3	MA121	DIODE	3	
D4	MA142K	DIODE	1	
D5	MA153A	DIODE	1	
	WATSSA	DIODE	-	
IC1	AK9813AF	IC	1	
IC2		IC	1	
	51957BFP			
IC3	NJM064V	IC	1	
IC4	NJM2902V	IC	1	
IC5	C0JBAA000002	IC	1	
IC6	NJM062V	IC	1	
IC7	NJM064V	IC	1	
IC8	NJM062V	IC	1	
IC9,10	UPD16510GR	IC	2	
IC11	LM4040CIX2.5	IC	1	
IC12	NJM064V	IC	1	
IC14	LM4040CIX2.5	ic	1	
L1-L6	VLP0321A300	FERRITE CORE	6	
P1	VJP4401D031	CONNECTOR (MALE)	1	
P2	VJS4064K060E	CONNECTOR (FEMALE)	1	
P3	VJP3808C050	CONNECTOR (MALE)	1	
			\Box	
Q1	2SD1819A-R	TRANSISTOR	1	
Q2	2SB1218A	TRANSISTOR	1	
Q3	2SD1819A-R	TRANSISTOR	1	
Q4	2SB1218A	TRANSISTOR	1	
Q5	2SD1819A-R	TRANSISTOR	1	
Q6	2SB1218A	TRANSISTOR	1	
Q7	2SD1819A-R	TRANSISTOR	1	
Q8	2SB1218A	TRANSISTOR	1	
Q9	2SD1819A-R	TRANSISTOR	1	
Q10	2SB1218A	TRANSISTOR	1	
Q11	2SD1819A-R	TRANSISTOR	1	
Q12,13	2SB1218A	TRANSISTOR	2	
Q14-16	2SD1819A-R	TRANSISTOR	3	
Q17	2SB1218A	TRANSISTOR	1	
Q18	2SD1119-R	TRANSISTOR	1	
Q19	2SA1610	TRANSISTOR	1	
Q20	2SB1073-R	TRANSISTOR	1	
Q21	2SC4176	TRANSISTOR	1	B1ABDB000014
	2SB1073-R	TRANSISTOR	1	
	1	TRANSISTOR	1	B1ABDB000014
Q22	2SC4176		1 .	
Q22 Q23	2SC4176 2SB1073-R		1	
Q22 Q23 Q24	2SB1073-R	TRANSISTOR	+	B1ABDB000014
Q22 Q23 Q24 Q25	2SB1073-R 2SC4176	TRANSISTOR TRANSISTOR	1	B1ABDB000014
Q22 Q23 Q24 Q25 Q26	2SB1073-R 2SC4176 2SB1073-R	TRANSISTOR TRANSISTOR TRANSISTOR	1	
Q22 Q23 Q24 Q25	2SB1073-R 2SC4176	TRANSISTOR TRANSISTOR	1	
Q22 Q23 Q24 Q25 Q26	2SB1073-R 2SC4176 2SB1073-R	TRANSISTOR TRANSISTOR TRANSISTOR	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
Q28	2SD1119-R	TRANSISTOR	1	
Q29	2SA1610	TRANSISTOR	1	
Q30 Q31	2SB1073-R 2SC4176	TRANSISTOR TRANSISTOR	1	B1ABDB000014
Q31	2SC3736	TRANSISTOR	1	B1ABBB000014
Q33	2SA1463	TRANSISTOR	1	
Q34	2SC3736	TRANSISTOR	1	
Q35	2SA1463	TRANSISTOR	1	
Q36	2SC3736	TRANSISTOR	1	
Q37	2SA1463	TRANSISTOR	1	
Q38 Q39	2SC3736 2SA1463	TRANSISTOR TRANSISTOR	1	
Q40	2SC3736	TRANSISTOR	1	
Q41	2SA1463	TRANSISTOR	1	
Q42	2SC3736	TRANSISTOR	1	
Q43	2SA1463	TRANSISTOR	1	
Q44	2SC3736	TRANSISTOR	1	
Q45 Q46	2SA1463 2SC3736	TRANSISTOR TRANSISTOR	1	
Q47	2SA1463	TRANSISTOR	1	
Q48,49	2SC3734B24	TRANSISTOR	2	
Q50	2SB1073-R	TRANSISTOR	1	
Q51	2SC4176	TRANSISTOR	1	B1ABDB000014
Q52	2SB1073-R	TRANSISTOR	1	
Q53	2SC4176	TRANSISTOR	1	B1ABDB000014
Q54 O55	2SB1073-R	TRANSISTOR TRANSISTOR	1	R1ARDR000014
Q55 Q56	2SC4176 2SB1073-R	TRANSISTOR	1	B1ABDB000014
Q57	2SC4176	TRANSISTOR	1	B1ABDB000014
R1-R3	ERJ3RBD101	M.RESISTOR CH 1/16W 100	3	
R4-R6	ERJ3RBD104	M.RESISTOR CH 1/16W 100K	3	
R8	ERJ3RED100	M.RESISTOR CH 1/16W 10	1	
R10	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R15	ERJ3RBD303	M.RESISTOR CH 1/16W 30K	1	
R16	ERJ3RBD203	M.RESISTOR CH 1/16W 20K	1	
R17	ERJ3RBD303 ERJ3RBD203	M.RESISTOR CH 1/16W 30K	1	
R19	ERJ3RBD303	M.RESISTOR CH 1/16W 20K M.RESISTOR CH 1/16W 30K	1	
R20	ERJ3RBD203	M.RESISTOR CH 1/16W 20K	1	
R21	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R22	ERJ3RBD393	M.RESISTOR CH 1/16W 39K	1	
R23	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R24	ERJ3RBD393	M.RESISTOR CH 1/16W 39K	1	
R25	ERJ3RBD563	M.RESISTOR CH 1/16W 56K	1	
R26	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R27 R28	ERJ3RBD333 ERJ3RBD223	M.RESISTOR CH 1/16W 33K M.RESISTOR CH 1/16W 22K	1	
R29	ERJ3RBD103	M.RESISTOR CH 1/16W 22K M.RESISTOR CH 1/16W 10K	1	
R30,31	ERJ3RBD333	M.RESISTOR CH 1/16W 33K	2	
R32	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R33,34	ERJ3RBD333	M.RESISTOR CH 1/16W 33K	2	
R35	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R36,37	ERJ3RBD333	M.RESISTOR CH 1/16W 33K	2	
R38	ERJ3RBD153	M.RESISTOR CH 1/16W 15K	1	
R39	ERJ3RBD623	M.RESISTOR CH 1/16W 62K	1	
R40 R41	ERJ3RBD123 ERJ3RBD303	M.RESISTOR CH 1/16W 12K M.RESISTOR CH 1/16W 30K	1	
R42	ERJ3RBD153	M.RESISTOR CH 1/16W 30K	1	
R43	ERJ3RBD623	M.RESISTOR CH 1/16W 62K	1	
R44	ERJ3RBD123	M.RESISTOR CH 1/16W 12K	1	
R45	ERJ3RBD303	M.RESISTOR CH 1/16W 30K	1	
R46	ERJ3RBD153	M.RESISTOR CH 1/16W 15K	1	
R47	ERJ3RBD623	M.RESISTOR CH 1/16W 62K	1	
R48	ERJ3RBD123	M.RESISTOR CH 1/16W 12K	1	
R49 R50	ERJ3RBD303 ERJ3GEY0R00	M.RESISTOR CH 1/16W 30K M.RESISTOR CH 1/16W 0	1	
R52-54	ERJ3RBD104	M.RESISTOR CH 1/16W 0	3	
R55	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R56	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R57	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R59	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R60	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R61	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R63	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
			\vdash	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R64	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R65	ERJ3RBD822	M.RESISTOR CH 1/16W 8.2K	1	
R66	ERJ3RBD512	M.RESISTOR CH 1/16W 5.1K	1	
R68	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R69	ERJ3RBD512	M.RESISTOR CH 1/16W 5.1K	1	
R70	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R72	ERJ3RBD753	M.RESISTOR CH 1/16W 75K	1	
R73	ERJ3RBD203	M.RESISTOR CH 1/16W 20K	1	
R74	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R75	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R76	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	
R77,78	ERJ14YJ4R7	M.RESISTOR CH 1/4W 4.7 M.RESISTOR CH 1/16W 2K	1	
R79	ERJ3RBD202			
R80	ERJ3RBD393	M.RESISTOR CH 1/16W 39K	1	
R81	ERJ3RBD183	M.RESISTOR CH 1/16W 18K	1	
R82	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R83 R84	ERJ3RBD331	M.RESISTOR CH 1/16W 330 M.RESISTOR CH 1/16W 2K	1	
R85	ERJ3RBD202		1	
	ERJ3RBD153 ERJ3RBD272			
R86		M.RESISTOR CH 1/16W 2.7K M.RESISTOR CH 1/16W 1K	1	
R87 R88	ERJ3RBD102 ERJ3RBD331	M.RESISTOR CH 1/16W 1K	1	
R89	ERJ3RBD331 ERJ3RBD223	M.RESISTOR CH 1/16W 330 M.RESISTOR CH 1/16W 22K	1	
			1	
R90 R91	ERJ3RBD333 ERJ3RBD433	M.RESISTOR CH 1/16W 33K M.RESISTOR CH 1/16W 43K	1	
R92	ERJ3RBD123		1	
R93	ERJ3RBD102 ERJ3RBD331	M.RESISTOR CH 1/16W 1K M.RESISTOR CH 1/16W 330	1	
R95	ERJ3RBD393	M.RESISTOR CH 1/16W 330	1	
R96	ERJ3RBD243	M.RESISTOR CH 1/16W 24K	1	
R97,98	ERJ3RBD333	M.RESISTOR CH 1/16W 33K	2	
R99	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R100	ERJ3RBD331	M.RESISTOR CH 1/16W 330	1	
R101	ERJ3RBD393	M.RESISTOR CH 1/16W 39K	<u> </u>	
R102	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	<u>-</u>	
R103,04	ERJ3RBD333	M.RESISTOR CH 1/16W 33K	2	
R105,04	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R106	ERJ3RBD331	M.RESISTOR CH 1/16W 330	1	
R107	ERJ3RBD272	M.RESISTOR CH 1/16W 2.7K	1	
R108	ERJ3RBD202	M.RESISTOR CH 1/16W 2K	1	
R109	ERJ3RBD393	M.RESISTOR CH 1/16W 39K	1	
R110	ERJ3RBD183	M.RESISTOR CH 1/16W 18K	1	
R111	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R112	ERJ3RBD331	M.RESISTOR CH 1/16W 330	1	
R113	ERJ3RBD473	M.RESISTOR CH 1/16W 47K	1	
R114	ERJ3RBD223	M.RESISTOR CH 1/16W 22K	1	
R115	ERJ3RBD333	M.RESISTOR CH 1/16W 33K	1	
R116	ERJ3RBD183	M.RESISTOR CH 1/16W 18K	1	
R117	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R118	ERJ3RBD331	M.RESISTOR CH 1/16W 330	1	
R127-32	EXB24V224J	COMBI.R-R 220K	6	
R149	ERJ3RBD104	M.RESISTOR CH 1/16W 100K	1	
R150	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	<u>-</u>	
R151	ERJ3RBD122	M.RESISTOR CH 1/16W 1.2K	1	
R152	ERJ3RBD272	M.RESISTOR CH 1/16W 2.7K	1	
R153	ERJ3RBD202	M.RESISTOR CH 1/16W 2K	1	
R154	ERJ3RBD823	M.RESISTOR CH 1/16W 82K	1	
R155	ERJ3RBD153	M.RESISTOR CH 1/16W 15K	1	
R156	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R157	ERJ3RBD331	M.RESISTOR CH 1/16W 330	1	
R158	ERJ3RBD202	M.RESISTOR CH 1/16W 2K	1	
R159,60	ERJ3RBD203	M.RESISTOR CH 1/16W 20K	2	
R161	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R162	ERJ3RBD331	M.RESISTOR CH 1/16W 330	1	
R164	ERJ3RBD202	M.RESISTOR CH 1/16W 2K	1	
R165	ERJ3RBD512	M.RESISTOR CH 1/16W 5.1K	1	
R166	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R167	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R168	ERJ3RBD331	M.RESISTOR CH 1/16W 330	1	
R169,70	ERJ3RBD202	M.RESISTOR CH 1/16W 2K	2	
R171	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R172	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
-	ERJ3RBD331	M.RESISTOR CH 1/16W 330	1	
R173				
R173	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	
R174	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	
		M.RESISTOR CH 1/10W 0		

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R183-90	ERJ14YJ1R0	M.RESISTOR CH 1/4W 1.0	8	
R196,97 R199,00	ERJ3GEY0R00 ERJ6GEY0R00	M.RESISTOR CH 1/16W 0 M.RESISTOR CH 1/10W 0	2	
R201	ERDS2TJ471	C.RESISTOR CH 1/10W 0	1	
R202	ERDS2TJ221	C.RESISTOR 1/4W 220	1	
R203	ERDS2TJ681	C.RESISTOR 1/4W 680	1	
TG1	EYF6CU	TEST POINT	1	
= 54	VEDOCEA A	DDE DDOOFOO D O DOADD	↓	(DTL)
■ E4	VEP23501A	PRE PROCESS P.C.BOARD	+1	(RTL)
C101,02	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C103	ECUX1H030CCV	C.CAPACITOR CH 50V 3P	1	
C104	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C105,06	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	2	
C107	ECUX1H070DCV	C.CAPACITOR CH 50V 7P	1	
C108,09	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C110	ECUX1H020CCV	C.CAPACITOR CH 50V 2P	1	
C111	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C112,13	ECST1DX225	T.CAPACITOR CH 20V 2.2U	2	
C114,15 C116	ECUX1E104ZFV ECHU1C104J	C.CAPACITOR CH 25V 0.1U P.CAPACITOR 16V 0.1U	1	
C116 C117-19	ECUX1E104ZFV	C.CAPACITOR 16V 0.10	3	
C120,21	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	- 2	
C123	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C124	ECUX1H270JCV	C.CAPACITOR CH 50V 27P	1	
C128,29	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C130	ECUX1H060DCV	C.CAPACITOR CH 50V 6P	1	
C131	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C133	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C134	ECST1CX156Z	T.CAPACITOR CH 16V 15U	1	
C135,36	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	2	
C137 C138	ECST1CX106Z ECST1CY685Z	T.CAPACITOR CH 16V 10U T.CAPACITOR CH 16V 6.8U	1	
C139	ECST1CT065Z ECST1CX106Z	T.CAPACITOR CH 16V 6.80	+ '	
C140	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C142,43	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C144	ECUX1H020CCV	C.CAPACITOR CH 50V 2P	1	
C145-47	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C148	ECST1VY105Z	T.CAPACITOR CH 35V 1U	1	
C150-57	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	8	
C159	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C161	ECUX1H020CCV	C.CAPACITOR CH 50V 2P	1	
C162-64		C.CAPACITOR CH 25V 0.1U	3	
C165 C166		C.CAPACITOR CH 50V 8P C.CAPACITOR CH 50V 12P	1	
C166	ECUX1H120JCV ECUX1H180JCV	C.CAPACITOR CH 50V 12P	1	
C168	ECUX1F104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C169	ECST1CY225Z	T.CAPACITOR CH 16V 2.2U	1	
C171	ECST1AX226Z	T.CAPACITOR CH 10V 22U	1	
C172,73	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C174,75	ECST1CY225Z	T.CAPACITOR CH 16V 2.2U	2	
C176	ECHU1C104J	P.CAPACITOR 16V 0.1U	1	
C177			1	
C178	ECST1CY225Z	T.CAPACITOR CH 16V 2.2U	1	
C179	ECUIVIEI047EV	T.CAPACITOR CH 10V 22U	1	
C301,02 C303	ECUX1E104ZFV ECUX1H030CCV	C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 50V 3P	1	
C304		C.CAPACITOR CH 50V 3P	1	
C305,06	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	2	
C307		C.CAPACITOR CH 50V 7P	1	
C308,09		C.CAPACITOR CH 25V 0.1U	2	
C310	ECUX1H010CCV	C.CAPACITOR CH 50V 1P	1	
C311	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C312,13	ECST1DX225	T.CAPACITOR CH 20V 2.2U	2	
C314,15	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C316	ECHU1C104J	P.CAPACITOR 16V 0.1U	1	
C317-19	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C320,21 C323	ECST1CY685Z ECUX1H101JCV	T.CAPACITOR CH 16V 6.8U C.CAPACITOR CH 50V 100P	1	
0323	LOUXINIUIJUV	O.OAFACTOR OFF SUV 100P	+-'	
			+	
	J	1		L

COMPANDED COMPANDITOR CH 297 0 1	Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
CONTRIBUTION CAPACITOR CH 559	C324	ECUX1H270JCV	C.CAPACITOR CH 50V 27P	1	
C3331					
C334 CCSTICV19827 T.CAPACITOR CH 16V 15U 1					
C335,368				+	
C335.86					
C339					
C339					
C339					
C340					
C342.43				+	
C346				<u> </u>	
C346-47 ECUX1E104ZFV C.CAPACITOR CH 25V 0.1U 3 C348 ECST1VY106Z T.CAPACITOR CH 35V 1.U 1 C350-57 ECUX1E104ZFV C.CAPACITOR CH 35V 0.1U 8 C350-57 ECUX1E104ZFV C.CAPACITOR CH 25V 0.1U 9 C361 ECUX1H020CCV C.CAPACITOR CH 25V 0.1U 3 C362-64 ECUX1H020CCV C.CAPACITOR CH 25V 0.1U 3 C362-64 ECUX1H020CCV C.CAPACITOR CH 35V 1.PU 1 C368-65 ECUX1H030CCV C.CAPACITOR CH 35V 1.PU 1 C368-66 ECUX1H030CV C.CAPACITOR CH 35V 1.PU 1 C368-66 ECUX1H030CV C.CAPACITOR CH 35V 1.PU 1 C368-67 ECUX1H030CV C.CAPACITOR CH 35V 1.PU 1 C368-68 ECUX1H030CV C.CAPACITOR CH 35V 1.PU 1 C368-69 ECUX1H030CV C.CAPACITOR CH 35V 1.PU 1 C368-70 ECUX1H030CV C.CAPACITOR CH 35V 1.PU 1 C371-71 ECUX1H030CV C.CAPACITOR CH 35V 1.PU 1 C372-73 ECUX1H030CV C.CAPACITOR CH 35V 1.PU 1 C371-72 ECUX1H03CV C.CAPACITOR CH 35V 1.PU 1 C372-73 ECUX1H03CV C.CAPACITOR CH 35V 1.PU 1 C373-75 ECUX1H03CV C.CAPACITOR CH 35V 1.PU 1 C374-75 ECUX1H03CV C.CAPACITOR CH 35V 1.PU 1 C376 ECST1CV225Z T.CAPACITOR CH 16V 2.PU 1 C377-8 ECUX1H03CV C.CAPACITOR CH 16V 2.PU 1 C378 ECST1CV225Z T.CAPACITOR CH 16V 2.PU 1 C379 ECST1CV225Z T.CAPACITOR CH 16V 2.PU 1 C379 ECST1CV225Z T.CAPACITOR CH 16V 2.PU 1 C370 ECUX1H03CCV C.CAPACITOR CH 16V 2.PU 1 C370 ECUX1H03CCV C.CAPACITOR CH 35V 1.PU 1 C370 ECUX1H03CCV C.CAPACITOR CH 35V 1.PU 1 C370 ECUX1H03CCV C.CAPACITOR CH 25V 1.PU 1 C370 ECUX1H03CCV C.CAPACITOR CH 25V 1.PU 1 C370 ECUX1H03CCV C.CAPACITOR CH 25V 1.PU 1 C370 ECUX1H03CCV C.CAPACITOR CH 25V 1.PU 1 C370 ECUX1H03CCV C.CAPACITOR CH 25V 1.PU 1 C370 ECUX1H03CCV C.CAPACITOR CH 25V 1.PU 1 C370 ECUX1H03CCV C.CAPACITOR CH 25V 1.PU 1 C370 ECUX1H03CCV C.CAPACITOR CH 25V 1.PU 1 C370 ECUX1H03CCV C.CAPACITOR CH 25V 1.PU 1 C370 ECUX1H03CCV C.CAPACITOR CH 25V 1.PU 1 C370 ECUX1H03CCV C.CAPACITOR CH 25V 1.PU 1 C370 ECUX1H03CCV C.CAPACITOR CH 25V 1.PU 1 C370 ECUX1H03CCV C.CAPACITOR CH 25V 1.PU 1 C370 ECUX1H03CCV C.CAPACITOR CH 25V 1.PU 1 C370 ECUX1H03CCV C.CAPACITOR CH 25V 1.PU 1 C370 ECUX1H03CCV C.CAPACITOR CH 25V 1.PU 1 C370 ECUX1H03CCV C.CAPACITOR CH 25V 1.PU 1 C370 ECUX1H03CCV C.CAPACITOR CH 25V 1.PU 1 C370 ECUX1H					
C350-57 ECUXIETO42PV C.CAPACITOR CH 28V 0.1U 1				<u> </u>	
C350-57 EQUXIETIO4ZEPV C.CAPACITOR CH 25V 0.1U 0.1				+	
C3569 ECUXHETO4ZEV C.CAPACITOR CH 25V 0.1U 1 1 1 1 1 1 1 1 1					
CSB1 ECUXHH020CCV C.CAPACITOR CH 58V 1 C38264 ECUXH1042CV C.CAPACITOR CH 25V 0.1U 3 C3866 ECUXH1102UCV C.CAPACITOR CH 59V 1P 1 C3866 ECUXH112UCV C.CAPACITOR CH 59V 18P 1 C3867 ECUXH112UCV C.CAPACITOR CH 59V 18P 1 C3868 ECUXH112UCV C.CAPACITOR CH 59V 0.1U 1 C3869 ECST1CY22SZ T.CAPACITOR CH 16V 2.2U 1 C377 ECMTLCHUZ P.CAPACITOR CH 16V 2.2U 2 C377.3 ECMTCHUCHU P.CAPACITOR CH 16V 2.2U 2 C377 ECMTCHOSEZN C.CAPACITOR CH 16V 1.U 1 C378 ECST1CY22SZ T.CAPACITOR CH 16V 2.U 1 C379 ECMTCHOSEZN C.CAPACITOR CH 18V 0.U 1 C379 ECMTCHOSEZN C.CAPACITOR CH 18V 0.U 1 C379 ECMTCHOSEZN C.CAPACITOR CH 28V 0.U 1					
C382-64 ECUX1E104ZFV C.CAPACITOR CH 50V 8P 1 C386 ECUX1H00DOV C.CAPACITOR CH 50V 8P 1 C386 ECUX1H102DOV C.CAPACITOR CH 50V 1P 1 C387 EGUX1H102DOV C.CAPACITOR CH 50V 1P 1 C388 EGUX1E104ZFV C.CAPACITOR CH 50V 1U 1 C371 EGUX1E104ZFV C.CAPACITOR CH 10V 22U 1 C372,73 EGUX1E104ZFV C.CAPACITOR CH 10V 22U 2 C374,75 EGST1CY22SZ T.CAPACITOR CH 16V 2.U 2 C376 EGUX1E104ZFV C.CAPACITOR CH 16V 1U 1 C377 EGUX1E104ZFV C.CAPACITOR CH 16V 2U 1 C378 EGST14X22Z T.CAPACITOR CH 16V 2U 1 C379 EGUX1E104ZFV C.CAPACITOR CH 25V 0.1U 2 C501,02 EGUX1E104ZFV C.CAPACITOR CH 25V 0.1U 1 C503 EGUX1E104ZFV C.CAPACITOR CH 25V 0.1U					
C365 ECUXHH080DCV C.CAPACITOR CH 50V 8P 1 C366 ECUXHH102UCV C.CAPACITOR CH 50V 12P 1 C367 ECUXHH102UCV C.CAPACITOR CH 50V 12P 1 C368 ECUXH102UCV C.CAPACITOR CH 50V 10U 1 C368 ECUXH102UCV C.CAPACITOR CH 60V 22U 1 C371 ECST14222BZ T.CAPACITOR CH 16V 22U 1 C372,73 ECUX1E104ZPV C.CAPACITOR CH 16V 2U 1 C376 ECUMIC105ZPT C.CAPACITOR CH 16V 2U 1 C377 ECUMIC105ZPT C.CAPACITOR CH 16V 2U 1 C378 ECST1CY22SZ T.CAPACITOR CH 16V 2U 1 C379 ECXT142ZBZ T.CAPACITOR CH 16V 2U 1 C501,02 ECUX1E104ZPV C.CAPACITOR CH 25V 0.1U 1 C504 ECUX1E104ZPV C.CAPACITOR CH 25V 0.1U 1 C505,06 ECST1CY68SZ T.CAPACITOR CH 25V 0.1U 1 <td></td> <td></td> <td></td> <td></td> <td></td>					
C366					
C367				+	
C368					
C369					
C371				<u> </u>	
C372,73 ECUX1E104ZFV C.CAPACITOR CH 25V 0.1U 2 2 C374,75 ECST1CY22SZ T.CAPACITOR CH 16V 2.2U 2 2 C376 ECUMIC104J P.CAPACITOR CH 16V 0.1U 1 1 C377 ECUMIC105ZFN C.CAPACITOR CH 16V 0.1U 1 1 C378 ECST1CY22SZ T.CAPACITOR CH 16V 0.1U 1 1 C378 ECST1CY22SZ T.CAPACITOR CH 16V 1.2U 1 1 C378 ECST1CY22SZ T.CAPACITOR CH 16V 1.2U 1 1 C379 ECST1AX226Z T.CAPACITOR CH 16V 2.2U 1 1 C379 ECST1AX226Z T.CAPACITOR CH 25V 0.1U 2 C379 ECST1AX226Z T.CAPACITOR CH 25V 0.1U 2 C370 ECUX1E104ZFV C.CAPACITOR CH 25V 0.1U 1 2 C370 ECUX1E104ZFV C.CAPACITOR CH 25V 0.1U 1 1 C505.06 ECST1CY68SZ T.CAPACITOR CH 16V 6.8U 1 2 C370 ECUX1E104ZFV C.CAPACITOR CH 25V 0.1U 1 1 C505.06 ECST1CY68SZ T.CAPACITOR CH 25V 0.1U 1 2 C370 ECUX1E104ZFV C.CAPACITOR CH 25V 0.1U 1 2 C370 ECUX1E104ZFV C.CAPACITOR CH 25V 0.1U 1 2 C370 ECUX1E104ZFV C.CAPACITOR CH 25V 0.1U 1 2 C371 ECUX1E104ZFV C.CAPACITOR CH 25V 0.1U 1 2 C371 ECUX1E104ZFV C.CAPACITOR CH 25V 0.1U 1 2 C371 ECUX1E104ZFV C.CAPACITOR CH 25V 0.1U 1 2 C371 ECUX1E104ZFV C.CAPACITOR CH 25V 0.1U 1 2 C371 ECUX1E104ZFV C.CAPACITOR CH 25V 0.1U 1 2 C371 ECUX1E104ZFV C.CAPACITOR CH 25V 0.1U 1 2 C371 ECUX1E104ZFV C.CAPACITOR CH 25V 0.1U 1 2 C371 ECUX1E104ZFV C.CAPACITOR CH 25V 0.1U 1 2 C371 ECUX1E104ZFV C.CAPACITOR CH 25V 0.1U 1 2 C371 ECUX1E104ZFV C.CAPACITOR CH 25V 0.1U 1 2 C371 ECUX1E104ZFV C.CAPACITOR CH 25V 0.1U 1 2 C371 ECUX1E104ZFV C.CAPACITOR CH 25V 0.1U 1 2 C371 ECUX1E104ZFV C.CAPACITOR CH 25V 0.1U 1 2 C371 ECUX1E104ZFV C.CAPACITOR CH 25V 0.1U 1 2 C371 ECUX1E104ZFV C.CAPACITOR CH 25V 0.1U 1 1 ECUX1E104ZFV C.CAPACITOR CH 25V 0.1U 1 1 ECUX1E104ZFV C.CAPACITOR CH 25V 0.1U 1 1 ECUX1E104ZFV C.CAPACITOR CH 25V 0.1U 1 1 ECUX1E104ZFV C.CAPACITOR CH 25V 0.1U 1 1 ECUX1E104ZFV C.CAPACITOR CH 25V 0.1U 1 1 ECUX1E104ZFV C.CAPACITOR CH 25V 0.1U 1 1 ECUX1E104ZFV C.CAPACITOR CH 25V 0.1U 1 1 ECUX1E104ZFV C.CAPACITOR CH 25V 0.1U 1 1 ECUX1E104ZFV C.CAPACITOR CH 25V 0.1U 1 1 ECUX1E104ZFV C.CAPACITOR CH 25V 0.1U 1 1 ECUX1E104ZFV C.CAPACITOR CH 25V 0.1U 1 1 ECUX1E104ZFV C.CAPACITOR CH 25V 0.1U 1 1 ECUX1E104ZFV C.CAPACITOR CH 25V 0.1U 1					
C374,75 ECST1CY225Z T.CAPACITOR CH 16V 2.2U 2 C376 ECHUICIOUJ P.CAPACITOR CH 16V 1U 1 C377 ECUMICIOSZFN C.CAPACITOR CH 16V 1U 1 C378 ECST1CY225Z T.CAPACITOR CH 16V 2U 1 C379 ECST1AV226Z T.CAPACITOR CH 16V 2U 1 C501,02 ECWX161042CV C.CAPACITOR CH 25V 0.1U 1 C503 ECWX161042CV C.CAPACITOR CH 25V 0.1U 1 C504 ECWX161042CV C.CAPACITOR CH 25V 0.1U 1 C5050 ECWX161042CV C.CAPACITOR CH 25V 0.1U 1 C5050 ECWX161042CV C.CAPACITOR CH 25V 0.1U 2 C507 ECWX161042CV C.CAPACITOR CH 25V 0.1U 1 C511 ECWX161042CV C.CAPACITOR CH 25V 0.1U 1 C511 ECWX161042CV C.CAPACITOR CH 25V 0.1U 1 C514.15 ECWX161042CV C.CAPACITOR CH 25V 0.1U 1 C514.19 ECWX161042CV C.CAPACITOR CH 25V 0.1U 3 C520.21 ECWX161042CV C.					
C376 ECHUICIO4J P.CAPACITOR 16V 0.1U 1 1 1 1 1 1 1 1 1					
C378				1	
CS719	C377	ECUM1C105ZFN	C.CAPACITOR CH 16V 1U	1	
C501,02 ECUX1E104ZFV C.CAPACITOR CH 25V 0.1U 2 C503 ECUX1E104ZFV C.CAPACITOR CH 50V 3P 1 C504 ECUX1E104ZFV C.CAPACITOR CH 25V 0.1U 1 C505,06 ECST1CY68SZ T.CAPACITOR CH 50V 15P 1 C506,09 ECUX1E104ZFV C.CAPACITOR CH 25V 0.1U 2 C511 ECUX1E104ZFV C.CAPACITOR CH 25V 0.1U 1 C512,13 ECST10X225 T.CAPACITOR CH 25V 0.1U 2 C514,15 ECUX1E104ZFV C.CAPACITOR CH 25V 0.1U 1 C517-19 ECUX1E104ZFV C.CAPACITOR CH 25V 0.1U 3 C520,21 ECST1CY86SZ T.CAPACITOR CH 50V 82P 1 C523 ECUX1E104ZFV C.CAPACITOR CH 50V 22P 1 C524 ECUX1E104ZFV C.CAPACITOR CH 50V 2P 1 C523 ECUX1E104ZFV C.CAPACITOR CH 50V 8P 1 C524 ECUX1E104ZFV C.CAPACITOR CH 50V 8P				1	
C503	C379	ECST1AX226Z	T.CAPACITOR CH 10V 22U	1	
C504	C501,02	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C505.06 ECST1CY685Z T.CAPACITOR CH 16V 6.8U 2 C507 ECUX1H150JCV C.CAPACITOR CH 50V 15P 1 C508.09 ECUX1E104ZFV C.CAPACITOR CH 25V 0.1U 2 C511 ECUX1E104ZFV C.CAPACITOR CH 25V 0.1U 1 C512,13 ECST10X225 T.CAPACITOR CH 25V 0.1U 2 C514,15 ECUX1E104ZFV C.CAPACITOR CH 25V 0.1U 2 C516 ECHU1C104J P.CAPACITOR CH 25V 0.1U 3 C517-19 ECUX1E104ZFV C.CAPACITOR CH 16V 6.8U 2 C520,21 ECST1CY685Z T.CAPACITOR CH 16V 6.8U 2 C523 ECUX1H200ZFV C.CAPACITOR CH 50V 2P 1 C524 ECUX1H200CCV C.CAPACITOR CH 50V 0P 1 C530 ECUX1H060DCV C.CAPACITOR CH 25V 0.1U 1 C531 ECUX1H030RV C.CAPACITOR CH 16V 0.0U 1 C533 ECXT1CX156Z T.CAPACITOR CH 16V 0.0U </td <td>C503</td> <td>ECUX1H030CCV</td> <td>C.CAPACITOR CH 50V 3P</td> <td>1</td> <td></td>	C503	ECUX1H030CCV	C.CAPACITOR CH 50V 3P	1	
C507	C504	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C508,09 ECUX1E104ZFV C.CAPACITOR CH 25V 0.1U 1 1 1 1 1 1 1 1 1	C505,06	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	2	
C511 ECUX1E104ZFV C.CAPACITOR CH 25V 0.1U 1 C512,13 ECST1DX225 T.CAPACITOR CH 20V 2.2U 2 C514,15 ECUX1E104ZFV C.CAPACITOR CH 25V 0.1U 2 C516 ECHU1C104J P.CAPACITOR CH 25V 0.1U 1 C517-19 ECUX1E104ZFV C.CAPACITOR CH 25V 0.1U 3 C520,21 ECST1CY685Z T.CAPACITOR CH 50V 82P 1 C523 ECUX1H820JCV C.CAPACITOR CH 50V 27P 1 C524 ECUX1H270JCV C.CAPACITOR CH 50V 2P 1 C528,29 ECUX1H060DCV C.CAPACITOR CH 50V 6P 1 C531 ECUX1H060DCV C.CAPACITOR CH 50V 0.01U 1 C533 ECUX1H060DCV C.CAPACITOR CH 50V 0.01U 1 C534 ECST1CV166Z C.CAPACITOR CH 16V 1.0U 1 C533 ECST1CY685Z T.CAPACITOR CH 16V 1.0U 1 C534 ECST1CY685Z T.CAPACITOR CH 16V 1.0U <td>C507</td> <td>ECUX1H150JCV</td> <td>C.CAPACITOR CH 50V 15P</td> <td>1</td> <td></td>	C507	ECUX1H150JCV	C.CAPACITOR CH 50V 15P	1	
C512,13	C508,09	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C514,15 ECUX1E104ZFV C.CAPACITOR CH 25V 0.1U 2 C516 ECHU1C104J P.CAPACITOR 16V 0.1U 1 C517-19 ECUX1E104ZFV C.CAPACITOR CH 25V 0.1U 3 C520,21 ECST1CY685Z T.CAPACITOR CH 16V 6.8U 2 C523 ECUX1H200CV C.CAPACITOR CH 50V 82P 1 C524 ECUX1H200CV C.CAPACITOR CH 25V 0.1U 2 C528,29 ECUX1H20ACFV C.CAPACITOR CH 25V 0.1U 2 C530 ECUX1H060DCV C.CAPACITOR CH 50V 0.0U 1 C531 ECUX1E104ZFV C.CAPACITOR CH 50V 0.0U 1 C533 ECUX1H05KBV C.CAPACITOR CH 16V 15U 1 C534 ECST1CY166Z T.CAPACITOR CH 16V 16U 1 C535,36 ECST1CY685Z T.CAPACITOR CH 16V 6.8U 2 C537 ECST1CY685Z T.CAPACITOR CH 16V 10U 1 C538 ECST1CY685Z T.CAPACITOR CH 16V 10U 1 C540 ECST1CY685Z T.CAPACITOR CH 26V 0.1U 2 C544 ECUX1E104ZFV C.CAPACITO	C511	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C516 ECHU1C104J P.CAPACITOR 16V 0.1U 1 C517-19 ECUX1E104ZFV C.CAPACITOR CH 25V 0.1U 3 C520_21 ECST1CY685Z T.CAPACITOR CH 16V 6.8U 2 C523 ECUX1H820JCV C.CAPACITOR CH 50V 82P 1 C524 ECUX1H270JCV C.CAPACITOR CH 50V 27P 1 C528_29 ECUX1H060DCV C.CAPACITOR CH 50V 27P 1 C530 ECUX1H060DCV C.CAPACITOR CH 50V 0.1U 2 C531 ECUX1H060DCV C.CAPACITOR CH 50V 0.0U 1 C533 ECUX1H060XEV C.CAPACITOR CH 50V 0.0U 1 C533 ECUX1E104ZFV C.CAPACITOR CH 16V 15U 1 C534 ECST1CY685Z T.CAPACITOR CH 16V 15U 1 C537 ECST1CY685Z T.CAPACITOR CH 16V 10U 1 C538 ECST1CY685Z T.CAPACITOR CH 16V 10U 1 C540 ECST1CY685Z T.CAPACITOR CH 16V 10U 1 C540 ECST1CY685Z T.CAPACITOR CH 16V 10U 1 C544 ECUX1E104ZFV C.CAPACITOR CH 25	C512,13	ECST1DX225	T.CAPACITOR CH 20V 2.2U	2	
C517-19	C514,15	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C520,21 ECST1CY685Z T.CAPACITOR CH 16V 6.8U 2 C523 ECUX1H820JCV C.CAPACITOR CH 50V 82P 1 C524 ECUX1H270JCV C.CAPACITOR CH 50V 27P 1 C528,29 ECUX1H204ZFV C.CAPACITOR CH 50V 0.1U 2 C530 ECUX1H060DCV C.CAPACITOR CH 50V 6P 1 C531 ECUX1H03KBV C.CAPACITOR CH 50V 0.1U 1 C533 ECXT1CX156Z T.CAPACITOR CH 16V 0.0U 1 C534 ECST1CX166Z T.CAPACITOR CH 16V 15U 1 C535,36 ECST1CX166Z T.CAPACITOR CH 16V 10U 1 C537 ECST1CX166Z T.CAPACITOR CH 16V 10U 1 C538 ECST1CY685Z T.CAPACITOR CH 16V 10U 1 C540 ECST1CY685Z T.CAPACITOR CH 16V 6.8U 1 C540 ECST1CY685Z T.CAPACITOR CH 16V 6.8U 1 C544 ECUX1E04ZFV C.CAPACITOR CH 25V 0.1U 2 C544 ECUX1E04ZFV C.CAPACITOR CH 25V 0.1U 3 C548 ECST1CY105Z T.CAPACITOR CH 25	C516	ECHU1C104J	P.CAPACITOR 16V 0.1U	1	
C523	C517-19	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C524 ECUX1H270JCV C.CAPACITOR CH 50V 27P 1 C528,29 ECUX1E104ZFV C.CAPACITOR CH 25V 0.1U 2 C530 ECUX1H060DCV C.CAPACITOR CH 50V 6P 1 C531 ECUX1E104ZFV C.CAPACITOR CH 50V 0.1U 1 C533 ECUX1H103KBV C.CAPACITOR CH 50V 0.01U 1 C534 ECST1CX156Z T.CAPACITOR CH 16V 15U 1 C537 ECST1CX166Z T.CAPACITOR CH 16V 6.8U 2 C537 ECST1CX106Z T.CAPACITOR CH 16V 6.8U 1 C538 ECST1CX106Z T.CAPACITOR CH 16V 6.8U 1 C539 ECST1CX106Z T.CAPACITOR CH 16V 6.8U 1 C540 ECST1CY685Z T.CAPACITOR CH 16V 6.8U 1 C544 ECUX1E104ZFV C.CAPACITOR CH 25V 0.1U 2 C544 ECUX1E104ZFV C.CAPACITOR CH 25V 0.1U 1 C550-57 ECUX1E104ZFV C.CAPACITOR CH 25V 0.1U	C520,21	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	2	
C528,29 ECUX1E104ZFV C.CAPACITOR CH 25V 0.1U 2 C530 ECUX1H060DCV C.CAPACITOR CH 50V 6P 1 C531 ECUX1E104ZFV C.CAPACITOR CH 25V 0.1U 1 C533 ECUX1H103KBV C.CAPACITOR CH 50V 0.01U 1 C534 ECST1CX156Z T.CAPACITOR CH 16V 15U 1 C535,36 ECST1CY166Z T.CAPACITOR CH 16V 18U 2 C537 ECST1CX106Z T.CAPACITOR CH 16V 10U 1 C538 ECST1CX106Z T.CAPACITOR CH 16V 10U 1 C539 ECST1CY685Z T.CAPACITOR CH 16V 10U 1 C540 ECST1CY685Z T.CAPACITOR CH 25V 0.1U 2 C544 ECUX1E104ZFV C.CAPACITOR CH 25V 0.1U 3 C545-47 ECUX1E104ZFV C.CAPACITOR CH 25V 0.1U 3 C550-57 ECUX1E104ZFV C.CAPACITOR CH 25V 0.1U 1 C561 ECUX1H080DCV C.CAPACITOR CH 50V 2P	C523	ECUX1H820JCV	C.CAPACITOR CH 50V 82P	1	
C530 ECUX1H060DCV C.CAPACITOR CH 50V 6P 1 C531 ECUX1E104ZFV C.CAPACITOR CH 25V 0.1U 1 C533 ECUX1H103KBV C.CAPACITOR CH 50V 0.01U 1 C534 ECST1CX166Z T.CAPACITOR CH 16V 15U 1 C535,36 ECST1CX166Z T.CAPACITOR CH 16V 10U 1 C538 ECST1CX106Z T.CAPACITOR CH 16V 10U 1 C538 ECST1CY685Z T.CAPACITOR CH 16V 10U 1 C539 ECST1CY685Z T.CAPACITOR CH 16V 10U 1 C540 ECST1CY685Z T.CAPACITOR CH 16V 10U 1 C541 ECST1CY685Z T.CAPACITOR CH 25V 0.1U 2 C544 ECUX1E104ZFV C.CAPACITOR CH 25V 0.1U 3 C544 ECUX1E104ZFV C.CAPACITOR CH 25V 0.1U 1 C550-57 ECUX1E104ZFV C.CAPACITOR CH 25V 0.1U 8 C561 ECUX1H080DCV C.CAPACITOR CH 50V 2P <td< td=""><td>C524</td><td>ECUX1H270JCV</td><td>C.CAPACITOR CH 50V 27P</td><td>1</td><td></td></td<>	C524	ECUX1H270JCV	C.CAPACITOR CH 50V 27P	1	
C531	C528,29	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C533 ECUX1H103KBV C.CAPACITOR CH 50V 0.01U 1	C530	ECUX1H060DCV	C.CAPACITOR CH 50V 6P	1	
C534 ECST1CX156Z T.CAPACITOR CH 16V 15U 1	C531	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C535,36 ECST1CY685Z T.CAPACITOR CH 16V 6.8U 2 C537 ECST1CX106Z T.CAPACITOR CH 16V 10U 1 C538 ECST1CY685Z T.CAPACITOR CH 16V 6.8U 1 C539 ECST1CX106Z T.CAPACITOR CH 16V 10U 1 C540 ECST1CY685Z T.CAPACITOR CH 16V 6.8U 1 C542,43 ECUX1E104ZFV C.CAPACITOR CH 25V 0.1U 2 C544 ECUX1H020CCV C.CAPACITOR CH 50V 2P 1 C545-47 ECUX1E104ZFV C.CAPACITOR CH 25V 0.1U 3 C548 ECST1VY105Z T.CAPACITOR CH 35V 1U 1 C559 ECUX1E104ZFV C.CAPACITOR CH 25V 0.1U 8 C559 ECUX1E104ZFV C.CAPACITOR CH 25V 0.1U 1 C561 ECUX1H020CCV C.CAPACITOR CH 50V 2P 1 C562-64 ECUX1E104ZFV C.CAPACITOR CH 50V 0.1U 3 C566 ECUX1H180JCV C.CAPACITOR CH 50V 18P 1 C567 ECUX1H180JCV C.CAPACITOR CH 50V 18P 1 C568 ECUX1H180JCV C.CAPACITO	C533	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C537 ECST1CX106Z T.CAPACITOR CH 16V 10U 1 1 C538 ECST1CY685Z T.CAPACITOR CH 16V 6.8U 1 1 C539 ECST1CX106Z T.CAPACITOR CH 16V 10U 1 1 C540 ECST1CY685Z T.CAPACITOR CH 16V 6.8U 1 1 C542,43 ECUX1E104ZFV C.CAPACITOR CH 25V 0.1U 2 2 C544 ECUX1H020CCV C.CAPACITOR CH 25V 0.1U 3 3 C545-47 ECUX1E104ZFV C.CAPACITOR CH 25V 0.1U 3 3 C548 ECST1VY105Z C.CAPACITOR CH 25V 0.1U 1 8 C550-57 ECUX1E104ZFV C.CAPACITOR CH 25V 0.1U 1 8 C559 ECUX1E104ZFV C.CAPACITOR CH 25V 0.1U 1 1 C561 ECUX1H020CCV C.CAPACITOR CH 50V 2P 1 1 C562-64 ECUX1H080DCV C.CAPACITOR CH 25V 0.1U 3 3 C565 ECUX1H180JCV C.CAPACITOR CH 50V 8P 1 1 C566 ECUX1H180JCV C.CAPACITOR CH 50V 12P 1 1 C567 ECUX1H180JCV C.CAPACITOR CH 50V 18P 1 1 C569 ECST1CY225Z C.CAPACITOR CH 50V 12P 1 1 C569 ECST1CY225Z T.CAPACITOR CH 16V 2.2U 1 1	C534	ECST1CX156Z	T.CAPACITOR CH 16V 15U	1	
C538 ECST1CY685Z T.CAPACITOR CH 16V 6.8U 1 C539 ECST1CX106Z T.CAPACITOR CH 16V 10U 1 C540 ECST1CY685Z T.CAPACITOR CH 16V 6.8U 1 C542,43 ECUX1E104ZFV C.CAPACITOR CH 25V 0.1U 2 C544 ECUX1H020CCV C.CAPACITOR CH 25V 0.1U 3 C545-47 ECUX1E104ZFV C.CAPACITOR CH 25V 0.1U 3 C548 ECST1VY105Z T.CAPACITOR CH 25V 0.1U 1 C550-57 ECUX1E104ZFV C.CAPACITOR CH 25V 0.1U 1 C569 ECUX1E104ZFV C.CAPACITOR CH 25V 0.1U 1 C561 ECUX1H020CCV C.CAPACITOR CH 50V 2P 1 C562-64 ECUX1H080DCV C.CAPACITOR CH 50V 8P 1 C565 ECUX1H080DCV C.CAPACITOR CH 50V 12P 1 C566 ECUX1H180JCV C.CAPACITOR CH 50V 12P 1 C567 ECUX1H180JCV C.CAPACITOR CH 50V 18P 1 C569 ECST1CY225Z T.CAPACITOR CH 16V 2.2U 1 C571 ECST1CY225Z T.CAPACI	C535,36	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	2	
C539 ECST1CX106Z T.CAPACITOR CH 16V 10U 1 1 C540 ECST1CY665Z T.CAPACITOR CH 16V 6.8U 1 1 C542,43 ECUX1E104ZFV C.CAPACITOR CH 25V 0.1U 2 2 C544 ECUX1H020CCV C.CAPACITOR CH 25V 0.1U 3 3 C545-47 ECUX1E104ZFV C.CAPACITOR CH 25V 0.1U 1 3 C548 ECST1VY105Z T.CAPACITOR CH 25V 0.1U 1 1 C550-57 ECUX1E104ZFV C.CAPACITOR CH 25V 0.1U 1 8 C559 ECUX1E104ZFV C.CAPACITOR CH 25V 0.1U 1 1 C561 ECUX1E104ZFV C.CAPACITOR CH 25V 0.1U 3 3 C562-64 ECUX1E104ZFV C.CAPACITOR CH 25V 0.1U 3 3 C565 ECUX1H080DCV C.CAPACITOR CH 50V 2P 1 1 C566 ECUX1H180JCV C.CAPACITOR CH 50V 12P 1 1 C567 ECUX1H180JCV C.CAPACITOR CH 50V 12P 1 1 C568 ECUX1E104ZFV C.CAPACITOR CH 25V 0.1U 1 1 C571 ECST1CY225Z T.CAPACITOR CH 25V 0.1U 1 1 C572,73 ECUX1E104ZFV C.CAPACITOR CH 10V 2.2U 1 1 C572,73 ECUX1E104ZFV C.CAPACITOR CH 10V 2.2U 2 1 <	C537	ECST1CX106Z	T.CAPACITOR CH 16V 10U	1	
C540 ECST1CY685Z T.CAPACITOR CH 16V 6.8U 1 C542,43 ECUX1E104ZFV C.CAPACITOR CH 25V 0.1U 2 C544 ECUX1H020CCV C.CAPACITOR CH 50V 2P 1 C545-47 ECUX1E104ZFV C.CAPACITOR CH 25V 0.1U 3 C548 ECST1VY105Z T.CAPACITOR CH 25V 0.1U 1 C550-57 ECUX1E104ZFV C.CAPACITOR CH 25V 0.1U 8 C559 ECUX1E104ZFV C.CAPACITOR CH 25V 0.1U 1 C561 ECUX1E104ZFV C.CAPACITOR CH 25V 0.1U 3 C562-64 ECUX1E104ZFV C.CAPACITOR CH 25V 0.1U 3 C565 ECUX1H080DCV C.CAPACITOR CH 50V 8P 1 C566 ECUX1H180JCV C.CAPACITOR CH 50V 12P 1 C567 ECUX1H180JCV C.CAPACITOR CH 50V 18P 1 C568 ECUX1E104ZFV C.CAPACITOR CH 25V 0.1U 1 C569 ECST1CY225Z T.CAPACITOR CH 16V 2.2U 1 C571 ECST1AX226Z T.CAPACITOR CH 10V 22U 1 C572,73 ECUX1E104ZFV C.	C538	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C542,43 ECUX1E104ZFV C.CAPACITOR CH 25V 0.1U 2 C544 ECUX1H020CCV C.CAPACITOR CH 50V 2P 1 C545-47 ECUX1E104ZFV C.CAPACITOR CH 25V 0.1U 3 C548 ECST1VY105Z T.CAPACITOR CH 25V 0.1U 1 C550-57 ECUX1E104ZFV C.CAPACITOR CH 25V 0.1U 8 C559 ECUX1E104ZFV C.CAPACITOR CH 25V 0.1U 1 C561 ECUX1H020CCV C.CAPACITOR CH 50V 2P 1 C562-64 ECUX1H080DCV C.CAPACITOR CH 50V 1U 3 C565 ECUX1H1080DCV C.CAPACITOR CH 50V 1P 1 C566 ECUX1H180JCV C.CAPACITOR CH 50V 12P 1 C567 ECUX1H180JCV C.CAPACITOR CH 50V 18P 1 C568 ECUX1H160JZFV C.CAPACITOR CH 25V 0.1U 1 C569 ECST1CY225Z T.CAPACITOR CH 16V 2.2U 1 C571 ECST1AX226Z T.CAPACITOR CH 16V 2.2U	C539	ECST1CX106Z	T.CAPACITOR CH 16V 10U	1	
C544 ECUX1H020CCV C.CAPACITOR CH 50V 2P 1 C545-47 ECUX1E104ZFV C.CAPACITOR CH 25V 0.1U 3 C548 ECST1VY105Z T.CAPACITOR CH 25V 0.1U 1 C550-57 ECUX1E104ZFV C.CAPACITOR CH 25V 0.1U 1 C559 ECUX1E104ZFV C.CAPACITOR CH 25V 0.1U 1 C561 ECUX1H02CCV C.CAPACITOR CH 50V 2P 1 C562-64 ECUX1E104ZFV C.CAPACITOR CH 25V 0.1U 3 C565 ECUX1H080DCV C.CAPACITOR CH 50V 8P 1 C566 ECUX1H180JCV C.CAPACITOR CH 50V 18P 1 C568 ECUX1H180JCV C.CAPACITOR CH 50V 18P 1 C568 ECUX1E104ZFV C.CAPACITOR CH 25V 0.1U 1 C569 ECST1CY225Z T.CAPACITOR CH 25V 0.1U 1 C571 ECST1AX226Z T.CAPACITOR CH 10V 22U 1 C572,73 ECUX1E104ZFV C.CAPACITOR CH 25V 0.1U					
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C578 ECST1CY225Z T.CAPACITOR CH 16V 2.2U 1					
C579 ECST1AX226Z T.CAPACITOR CH 10V 22U 1					
	C579	ECST1AX226Z	I.CAPACITOR CH 10V 22U	1	
				1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C702	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C704-09	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	6	
C710	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C711-19	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	9	
C901	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C902	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C903-05	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C906,07	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	2	
C908,09	ECST1CV476	E.CAPACITOR CH 16V 47M	2	
C910,11	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C912	ECST1CX156Z	T.CAPACITOR CH 16V 15U	1	
C913	ECST1AX226Z	T.CAPACITOR CH 10V 22U	1	
C914,15	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
DL301	VLD0419065	DELAY LINE	1	
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IC101,02	CLC505AJE	IC	2	C0ABAB000024
IC103	THC4053FT	IC	1	
IC104	NJM072BV	IC	1	
IC105	CLC505AJE	IC	1	C0ABAB000024
IC106	MC1495D	IC	1	
IC107	NJM062V	IC	1	
IC108	CLC505AJE	IC	1	C0ABAB000024
IC109	THC4053FT	IC	1	
IC110	CLC505AJE	IC	. 1	C0ABAB000024
IC111	AD8014AR	IC	1	
IC112,13	NJM062V	IC	2	
IC301,02	CLC505AJE	IC	2	C0ABAB000024
IC303	THC4053FT	IC	1	
IC304	NJM072BV	IC	1	
IC305	CLC505AJE	IC	1	C0ABAB000024
IC306	MC1495D	IC	1	
IC307	NJM062V	IC	1	
IC308	CLC505AJE	IC	1	C0ABAB000024
IC309	THC4053FT	IC	1	
IC310	CLC505AJE	IC		C0ABAB000024
IC311	AD8014AR	IC	1	00/10/1000024
	NJM062V	IC	2	
IC312,13 IC501,02		IC	↓ – –	C0ABAB000024
IC501,02	CLC505AJE THC4053FT	IC	1	CUABABUU0024
		IC	1	
IC504	NJM072BV		+	C0 4 B 4 B 0000 2 4
IC505	CLC505AJE	IC IC	1	C0ABAB000024
IC506	MC1495D		1	
IC507	NJM062V	IC .	1	00404000004
IC508	CLC505AJE	IC	1	C0ABAB000024
IC509	THC4053FT	IC	1	
IC510	CLC505AJE	IC	1	C0ABAB000024
IC511	AD8014AR	IC	1	
IC512,13	NJM062V	IC	2	
IC802	TC4W53FU	IC	1	
IC803	AK9813AF	IC	1	
IC804,05	LTC1458LIG	IC	2	
IC806	NJM064V	IC	1	
IC807	THC4053FT	IC	1	
IC809	NJM072BV	IC	1	
IC901	LM4040CIX2.5	IC	1	
IC902	NJM072BV	IC	1	
IC903	XC62FP3002M	IC	1	
			L	
L901,02	VLP0321A300	FERRITE CORE	2	
P1	VJP4064Q160	CONNECTOR (MALE)	1	K1KBG0B00002
P2	VJP4395D008	CONNECTOR (MALE)	1	
Q101	2SK508K512	TRANSISTOR	1	
Q102,03	2SC4176	TRANSISTOR	2	B1ABDB000014
Q104	2SA1610	TRANSISTOR	1	· · · · · · · · · · · · · · · · · · ·
Q105-08	2SK508K512	TRANSISTOR	4	
Q109	2SC4176	TRANSISTOR	1	B1ABDB000014
Q109 Q110-12	2SA1610	TRANSISTOR	3	
Q110-12 Q113	2SC4176	TRANSISTOR	1	B1ABDB000014
Q113 Q114	2SK662-R	TRANSISTOR	1	J., (DDD000014
			+	
Q115	2SK508K512	TRANSISTOR	1	
Q116	UN5214	TRANSISTOR-RESISTOR	1	D4 A DD D000001 1
Q302,03	2SC4176	TRANSISTOR	2	B1ABDB000014
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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
Q304	2SA1610	TRANSISTOR	1	
Q305-08	2SK508K512	TRANSISTOR	4	
Q309	2SC4176	TRANSISTOR		B1ABDB000014
Q310-12 Q313	2SA1610 2SC4176	TRANSISTOR TRANSISTOR	1	B1ABDB000014
Q313 Q314	2SK662-R	TRANSISTOR	1	B1ABDB000014
Q315	2SK508K512	TRANSISTOR	1	
Q316	UN5214	TRANSISTOR-RESISTOR	1	
Q501	2SK508K512	TRANSISTOR	1	
Q502,03	2SC4176	TRANSISTOR	2	B1ABDB000014
Q504	2SA1610	TRANSISTOR	1	
Q505-08	2SK508K512	TRANSISTOR	4	
Q509	2SC4176	TRANSISTOR	1	B1ABDB000014
Q510-12	2SA1610	TRANSISTOR	3	
Q513	2SC4176	TRANSISTOR		B1ABDB000014
Q514	2SK662-R	TRANSISTOR	1	
Q515	2SK508K512	TRANSISTOR	1	
Q516 Q701	UN5214 2SC3930-B	TRANSISTOR-RESISTOR TRANSISTOR	1	
Q701 Q702	2SA1532-B	TRANSISTOR	1	
Q703	2SC3938-R	TRANSISTOR	1	
Q704,05	2SA1532-B	TRANSISTOR	2	
Q706	2SD1819A-R	TRANSISTOR	1	
Q707-12	UN5112	TRANSISTOR-RESISTOR	6	
Q713	UN5214	TRANSISTOR-RESISTOR	1	
Q901	2SB1073	TRANSISTOR	1	
Q902	2SD1119	TRANSISTOR	1	
Q903	2SC4176	TRANSISTOR	1	B1ABDB000014
Q904	2SA1610	TRANSISTOR	1	
			1	
QR706	UN5212	TRANSISTOR-RESISTOR	1	
R102	ERJ3RBD511	M.RESISTOR CH 1/16W 510	1	
R103	ERJ3RBD303	M.RESISTOR CH 1/16W 30K	1	
R104	ERJ3RBD511	M.RESISTOR CH 1/16W 510	1	
R105	ERJ3RED124	M.RESISTOR CH 1/16W 120K	1	
R106	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R107	ERJ3RBD223	M.RESISTOR CH 1/16W 22K	1	
R108	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R109	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	
R110	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R111	ERJ3RED820	M.RESISTOR CH 1/16W 82	1	
R112 R113	ERJ3RED430 ERJ3RBD103	M.RESISTOR CH 1/16W 43 M.RESISTOR CH 1/16W 10K	1	
R114	ERJ3RBD103 ERJ3RBD911	M.RESISTOR CH 1/16W 10K	1	
R115	ERJ3RBD272	M.RESISTOR CH 1/16W 2.7K	1	
R116	ERJ3RBD472	M.RESISTOR CH 1/16W 4.7K	1	
R117	ERJ3RBD471	M.RESISTOR CH 1/16W 4.7K	1	
R118	ERJ3RED204	M.RESISTOR CH 1/16W 200K	1	
R119	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R120	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	
R121	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R122	ERJ3RBD104	M.RESISTOR CH 1/16W 100K	1	
R123	ERJ3RBD472	M.RESISTOR CH 1/16W 4.7K	1	
R124	ERJ3RBD303	M.RESISTOR CH 1/16W 30K	1	
R126	ERJ3RBD303	M.RESISTOR CH 1/16W 30K	1	
R127	ERJ3RBD472	M.RESISTOR CH 1/16W 4.7K	1	
R128	ERJ3RBD471	M.RESISTOR CH 1/16W 470	1	
R129	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R130	ERJ3RBD112	M.RESISTOR CH 1/16W 1.1K	1	
R131	ERJ3RBD182	M.RESISTOR CH 1/16W 1.8K	1	
R132	ERJ3RED470	M.RESISTOR CH 1/16W 47	1	
R133	ERJ3RBD161	M.RESISTOR CH 1/16W 160	1	
R134	ERJ3RBD561	M.RESISTOR CH 1/16W 560	1	
R138	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R139	ERJ3RED330	M.RESISTOR CH 1/16W 33	1	
R140 R141-43	ERJ3RED100 ERJ3RBD103	M.RESISTOR CH 1/16W 10 M.RESISTOR CH 1/16W 10K	3	
R141-43	ERJ3RED204	M.RESISTOR CH 1/16W 10K	1	
R144 R145	ERJ3RED204 ERJ3RBD102	M.RESISTOR CH 1/16W 200K	1	
R148	ERJ3RBD512	M.RESISTOR CH 1/16W 1K	1	
R149	ERJ3RBD103	M.RESISTOR CH 1/16W 5.1K	1	
R150	ERJ3RBD332	M.RESISTOR CH 1/16W 3.3K	1	
R151,52	ERJ3RBD752	M.RESISTOR CH 1/16W 7.5K	2	
R153	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R154	ERJ3RBD303	M.RESISTOR CH 1/16W 30K	1	
R155	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R156	ERJ3RBD182	M.RESISTOR CH 1/16W 1.8K	1	
R157	ERJ3RBD751	M.RESISTOR CH 1/16W 750	1	
R158	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R159	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R160	ERJ3RBD221	M.RESISTOR CH 1/16W 220	1	
R161	ERJ3RBD183	M.RESISTOR CH 1/16W 18K	1	
R162	ERJ3RBD512	M.RESISTOR CH 1/16W 5.1K	1	
R163	ERJ3RBD272	M.RESISTOR CH 1/16W 2.7K	1	
R164	ERJ3RBD562	M.RESISTOR CH 1/16W 5.6K	1	
R165	ERJ3RED390	M.RESISTOR CH 1/16W 39	1	
R166	ERJ3RBD561	M.RESISTOR CH 1/16W 560	1	
R167	ERJ3RBD203	M.RESISTOR CH 1/16W 20K	1	
R168	ERJ3RBD303	M.RESISTOR CH 1/16W 30K	1	
R169	ERJ3RED204	M.RESISTOR CH 1/16W 200K	1	
R170	ERJ3RBD202	M.RESISTOR CH 1/16W 2K	1	
R171	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	
			1	
R172	ERJ3RBD752	M.RESISTOR CH 1/16W 7.5K		
R173	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R174	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R175	ERJ3RBD472	M.RESISTOR CH 1/16W 4.7K	1	
R178	ERJ3RBD472	M.RESISTOR CH 1/16W 4.7K	1	
R179	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R180	ERJ3RBD112	M.RESISTOR CH 1/16W 1.1K	1	
R181	ERJ3RBD133	M.RESISTOR CH 1/16W 13K	1	
R182	ERJ3RBD163	M.RESISTOR CH 1/16W 16K	1	
R183	ERJ3RED910	M.RESISTOR CH 1/16W 91	1	
R184	ERJ3RBD431	M.RESISTOR CH 1/16W 430	1	
R185	ERJ3RED204	M.RESISTOR CH 1/16W 200K	1	
R186	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R188	ERJ3RED750	M.RESISTOR CH 1/16W 75	1	
R190	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R191	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R192	ERJ3RBD512	M.RESISTOR CH 1/16W 5.1K	1	
R194	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R196-99	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	4	
R201	ERJ3RBD681	M.RESISTOR CH 1/16W 680	1	
R203	ERJ3RBD302	M.RESISTOR CH 1/16W 3K	1	
R204	ERJ3RBD133	M.RESISTOR CH 1/16W 3K	1	
R205	ERJ3RBD301	M.RESISTOR CH 1/16W 300	1	
R206	ERJ3RED100	M.RESISTOR CH 1/16W 10	1	
R208,09	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	2	
R210	ERJ3RBD752	M.RESISTOR CH 1/16W 7.5K	1	
R211	ERJ3RBD332	M.RESISTOR CH 1/16W 3.3K	1	
R212	ERJ3RBD562	M.RESISTOR CH 1/16W 5.6K	1	
R213	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R214	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R215	ERJ3RBD303	M.RESISTOR CH 1/16W 30K	1	
R216	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	
	ERJ3RED124	M.RESISTOR CH 1/16W 120K	1	
R219			<u></u>	
R220	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R221	ERJ3RBD161	M.RESISTOR CH 1/16W 160	1	
R222	ERJ3RED100	M.RESISTOR CH 1/16W 10	1	
R224	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R225	ERDS2TJ823	C.RESISTOR 1/4W 82K	1	
R302	ERJ3RBD511	M.RESISTOR CH 1/16W 510	1	
R303	ERJ3RBD203	M.RESISTOR CH 1/16W 20K	1	
R304	ERJ3RBD511	M.RESISTOR CH 1/16W 510	1	
R305	ERJ3RED124	M.RESISTOR CH 1/16W 120K	1	
R306	ERJ3RBD102	M.RESISTOR CH 1/16W 120K	1	
R307	ERJ3RBD223	M.RESISTOR CH 1/16W 22K	1	
R308	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R309	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	
R311	ERJ3RED820	M.RESISTOR CH 1/16W 82	1	
R312	ERJ3RED430	M.RESISTOR CH 1/16W 43	1	
R315	ERJ3RBD622	M.RESISTOR CH 1/16W 6.2K	1	
R316	ERJ3RBD472	M.RESISTOR CH 1/16W 4.7K	1	
R317	ERJ3RBD431	M.RESISTOR CH 1/16W 430	1	
R318	ERJ3RED204	M.RESISTOR CH 1/16W 200K	1	
R319	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R320	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	
R321	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R322	ERJ3RBD104	M.RESISTOR CH 1/16W 100K	1	
R323	ERJ3RBD472	M.RESISTOR CH 1/16W 4.7K	1	
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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R324	ERJ3RBD303	M.RESISTOR CH 1/16W 30K	1	
R326 R327	ERJ3RBD303 ERJ3RBD472	M.RESISTOR CH 1/16W 30K M.RESISTOR CH 1/16W 4.7K	1	
R328	ERJ3RBD471	M.RESISTOR CH 1/16W 470	1	
R329	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R330	ERJ3RBD112	M.RESISTOR CH 1/16W 1.1K	1	
R331	ERJ3RBD182	M.RESISTOR CH 1/16W 1.8K	1	
R332	ERJ3RED470	M.RESISTOR CH 1/16W 47	1	
R333	ERJ3RBD161	M.RESISTOR CH 1/16W 160	1	
R334	ERJ3RBD561	M.RESISTOR CH 1/16W 560	1	
R338	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R339	ERJ3RED100	M.RESISTOR CH 1/16W 10	1	
R340	ERJ3RED330	M.RESISTOR CH 1/16W 33	1	
R341-43	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	3	
R344	ERJ3RED204	M.RESISTOR CH 1/16W 200K	1	
R345	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R348	ERJ3RBD512	M.RESISTOR CH 1/16W 5.1K	1	
R349	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R350	ERJ3RBD332	M.RESISTOR CH 1/16W 3.3K	1	
R351,52	ERJ3RBD752	M.RESISTOR CH 1/16W 7.5K	2	
R353	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R354	ERJ3RBD303	M.RESISTOR CH 1/16W 30K	1	
R355	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R356	ERJ3RBD182	M.RESISTOR CH 1/16W 1.8K	1	
R357	ERJ3RBD751	M.RESISTOR CH 1/16W 750	1	
R358	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R359	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R360	ERJ3RBD221	M.RESISTOR CH 1/16W 220	1	
R361	ERJ3RBD183	M.RESISTOR CH 1/16W 18K	1	
R362	ERJ3RBD512	M.RESISTOR CH 1/16W 5.1K	1	
R363	ERJ3RBD272	M.RESISTOR CH 1/16W 2.7K	1	
R364	ERJ3RBD562	M.RESISTOR CH 1/16W 5.6K	1	
R365	ERJ3RED390	M.RESISTOR CH 1/16W 39	1	
R366	ERJ3RBD561	M.RESISTOR CH 1/16W 560	1	
R367	ERJ3RBD203	M.RESISTOR CH 1/16W 20K	1	
R368	ERJ3RBD303	M.RESISTOR CH 1/16W 30K	1	
R369	ERJ3RED204	M.RESISTOR CH 1/16W 200K	1	
R370	ERJ3RBD202	M.RESISTOR CH 1/16W 2K	1	
R371	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	
R372	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R373	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R374	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R375	ERJ3RBD472	M.RESISTOR CH 1/16W 4.7K	1	
R378	ERJ3RBD472	M.RESISTOR CH 1/16W 4.7K	1	
R379	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R380	ERJ3RBD112	M.RESISTOR CH 1/16W 1.1K	1	
R381	ERJ3RBD133	M.RESISTOR CH 1/16W 13K	1	
R382	ERJ3RBD163	M.RESISTOR CH 1/16W 16K	1	
R383	ERJ3RED910	M.RESISTOR CH 1/16W 91	1	
R384	ERJ3RBD431	M.RESISTOR CH 1/16W 430	1	
R385	ERJ3RED204	M.RESISTOR CH 1/16W 200K	1	
R386	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R388	ERJ3RED750	M.RESISTOR CH 1/16W 75	1	
R390	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R391	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R392	ERJ3RBD512	M.RESISTOR CH 1/16W 5.1K	1	
R394	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R396-99	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	4	
R401	ERJ3RBD681	M.RESISTOR CH 1/16W 680	1	
R403	ERJ3RBD302	M.RESISTOR CH 1/16W 3K	1	
R404	ERJ3RBD133	M.RESISTOR CH 1/16W 13K	1	
R405	ERJ3RBD301	M.RESISTOR CH 1/16W 300	1	
R406	ERJ3RED100	M.RESISTOR CH 1/16W 10	1	
R408,09	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	2	
R410	ERJ3RBD752	M.RESISTOR CH 1/16W 7.5K	1	
R411	ERJ3RBD332	M.RESISTOR CH 1/16W 3.3K	1	
R412	ERJ3RBD562	M.RESISTOR CH 1/16W 5.6K	1	
R413	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R414	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R415	ERJ3RBD303	M.RESISTOR CH 1/16W 30K	1	
R416	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	
R419	ERJ3RED124	M.RESISTOR CH 1/16W 120K	1	
R420	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R421	ERJ3RBD161	M.RESISTOR CH 1/16W 160	1	
R423	ERJ3RED100	M.RESISTOR CH 1/16W 10	1	
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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R424	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R425	ERDS2TJ823	C.RESISTOR 1/4W 82K	1	
R502	ERJ3RBD511	M.RESISTOR CH 1/16W 510	1	
R503	ERJ3RBD393	M.RESISTOR CH 1/16W 39K	1	
R504	ERJ3RBD511	M.RESISTOR CH 1/16W 510	1	
R505	ERJ3RED474	M.RESISTOR CH 1/16W 470K	1	
R506	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	<u>'</u>	
R507	ERJ3RBD223	M.RESISTOR CH 1/16W 22K	1	
R508	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R509	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	
R510	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R511	ERJ3RED820	M.RESISTOR CH 1/16W 82	1	
R512	ERJ3RED430	M.RESISTOR CH 1/16W 43	1	
R513	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R514	ERJ3RBD431	M.RESISTOR CH 1/16W 430	1	
R515	ERJ3RBD182	M.RESISTOR CH 1/16W 1.8K	1	
R516	ERJ3RBD272	M.RESISTOR CH 1/16W 2.7K	1	
R517	ERJ3RBD361	M.RESISTOR CH 1/16W 360	1	
			1	
R518	ERJ3RED204	M.RESISTOR CH 1/16W 200K		
R519	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R520	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	
R521	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R522	ERJ3RBD104	M.RESISTOR CH 1/16W 100K	1	
R523	ERJ3RBD472	M.RESISTOR CH 1/16W 4.7K	1	
R524	ERJ3RBD303	M.RESISTOR CH 1/16W 30K	1	
R526	ERJ3RBD303	M.RESISTOR CH 1/16W 30K	1	
R527	ERJ3RBD472	M.RESISTOR CH 1/16W 4.7K	1	
R528	ERJ3RBD471	M.RESISTOR CH 1/16W 470	1	
R529	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R530	ERJ3RBD112	M.RESISTOR CH 1/16W 1.1K	1	
R531	ERJ3RBD182	M.RESISTOR CH 1/16W 1.8K	1	
R532	ERJ3RED470	M.RESISTOR CH 1/16W 47	1	
R533	ERJ3RBD161	M.RESISTOR CH 1/16W 160	1	
R534	ERJ3RBD561	M.RESISTOR CH 1/16W 560	1	
R538	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
			 	
R539	ERJ3RED100	M.RESISTOR CH 1/16W 10	1	
R540	ERJ3RED330	M.RESISTOR CH 1/16W 33	1	
R541-43	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	3	
R544	ERJ3RED204	M.RESISTOR CH 1/16W 200K	1	
R545	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R548	ERJ3RBD512	M.RESISTOR CH 1/16W 5.1K	1	
R549	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R550	ERJ3RBD332	M.RESISTOR CH 1/16W 3.3K	1	
R551,52	ERJ3RBD752	M.RESISTOR CH 1/16W 7.5K	2	
R553	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R554			1	
	ERJ3RBD303			
R555	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R556	ERJ3RBD182	M.RESISTOR CH 1/16W 1.8K	1	
R557	ERJ3RBD751	M.RESISTOR CH 1/16W 750	1	
R558	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R559	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R560	ERJ3RBD221	M.RESISTOR CH 1/16W 220	1	
R561	ERJ3RBD183	M.RESISTOR CH 1/16W 18K	1	
R562	ERJ3RBD512	M.RESISTOR CH 1/16W 5.1K	1	
R563	ERJ3RBD272	M.RESISTOR CH 1/16W 2.7K	1	
R564	ERJ3RBD562	M.RESISTOR CH 1/16W 2.7K	1	
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R565	ERJ3RED390	M.RESISTOR CH 1/16W 39	1	
R566	ERJ3RBD561	M.RESISTOR CH 1/16W 560	1	
R567	ERJ3RBD203	M.RESISTOR CH 1/16W 20K	1	
R568	ERJ3RBD303	M.RESISTOR CH 1/16W 30K	1	
R569	ERJ3RED204	M.RESISTOR CH 1/16W 200K	1	
R570	ERJ3RBD202	M.RESISTOR CH 1/16W 2K	1	
R571	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	
R572	ERJ3RBD752	M.RESISTOR CH 1/16W 7.5K	1	
R573	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R574	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R575	ERJ3RBD472	M.RESISTOR CH 1/16W 4.7K	1	
R578	ERJ3RBD472	M.RESISTOR CH 1/16W 4.7K	1	
R579	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R580	ERJ3RBD112	M.RESISTOR CH 1/16W 1.1K	1	
R581	ERJ3RBD133	M.RESISTOR CH 1/16W 13K	1	
R582	ERJ3RBD163	M.RESISTOR CH 1/16W 16K	1	
R583	ERJ3RED910	M.RESISTOR CH 1/16W 91	1	
R584	ERJ3RBD431	M.RESISTOR CH 1/16W 430	1	
R585	ERJ3RED204	M.RESISTOR CH 1/16W 200K	1	
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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R586	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R588	ERJ3RED750	M.RESISTOR CH 1/16W 75	1	
R590	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R591	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0 M.RESISTOR CH 1/16W 5.1K	1	
R592 R594	ERJ3RBD512 ERJ3RBD102	M.RESISTOR CH 1/16W 5.1K	1	
R596-99	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	4	
R601	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R603	ERJ3RBD302	M.RESISTOR CH 1/16W 3K	1	
R604	ERJ3RBD133	M.RESISTOR CH 1/16W 13K	1	
R605	ERJ3RBD301	M.RESISTOR CH 1/16W 300	1	
R606	ERJ3RED100	M.RESISTOR CH 1/16W 10	1	
R608,09	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	2	
R610	ERJ3RBD752	M.RESISTOR CH 1/16W 7.5K	1	
R611	ERJ3RBD332	M.RESISTOR CH 1/16W 3.3K	1	
R612	ERJ3RBD562	M.RESISTOR CH 1/16W 5.6K	1	
R613	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R614	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R615	ERJ3RBD303	M.RESISTOR CH 1/16W 30K	1	
R616	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	
R619	ERJ3RED124	M.RESISTOR CH 1/16W 120K	1	
R620	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R621	ERJ3RBD161	M.RESISTOR CH 1/16W 160	1	
R622	ERJ3RED100	M.RESISTOR CH 1/16W 10	1	
R625	ERDS2TJ823	C.RESISTOR 1/4W 82K	1	
R701	ERJ3RED100	M.RESISTOR CH 1/16W 10	1	
R702	ERJ3RBD104	M.RESISTOR CH 1/16W 100K	1	
R706-12	ERJ3RED100	M.RESISTOR CH 1/16W 10	7	
R717	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R719	ERJ3RBD104	M.RESISTOR CH 1/16W 100K	1	
R723	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R728-30	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	3	
R731,32	ERJ3RBD203	M.RESISTOR CH 1/16W 20K	2	
R733	ERJ3RBD243	M.RESISTOR CH 1/16W 24K	1	
R734	ERJ3RBD513	M.RESISTOR CH 1/16W 51K	1	
R735	ERJ3RBD243	M.RESISTOR CH 1/16W 24K	1	
R736	ERJ3RBD513	M.RESISTOR CH 1/16W 51K	1	
R737	ERJ3RBD243	M.RESISTOR CH 1/16W 24K	1	
R738	ERJ3RBD513	M.RESISTOR CH 1/16W 51K	1	
R739	ERJ3RBD203	M.RESISTOR CH 1/16W 20K	1	
R740	ERJ3RBD243	M.RESISTOR CH 1/16W 24K	1	
R741	ERJ3RBD513	M.RESISTOR CH 1/16W 51K	1	
R742	ERJ3RBD243	M.RESISTOR CH 1/16W 24K	1	
R743	ERJ3RBD513	M.RESISTOR CH 1/16W 51K	1	
R744	ERJ3RBD243	M.RESISTOR CH 1/16W 24K	1	
R745	ERJ3RBD513	M.RESISTOR CH 1/16W 51K	1	
R746-50	ERJ3RED100	M.RESISTOR CH 1/16W 10	5	
R754-63	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	10	
R764	ERJ3RBD682	M.RESISTOR CH 1/16W 6.8K	1	
R765,66	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	2	
R768	ERJ3RBD202	M.RESISTOR CH 1/16W 2K	1	
R769	ERJ3RBD333	M.RESISTOR CH 1/16W 33K	1	
R770	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R771	ERJ3RBD562	M.RESISTOR CH 1/16W 5.6K	1	
R772	ERJ3RBD221	M.RESISTOR CH 1/16W 220	1	
R773	ERJ3RBD272	M.RESISTOR CH 1/16W 2.7K	1	
R774	ERJ3RED100	M.RESISTOR CH 1/16W 10	1	
R775	ERJ3RBD472	M.RESISTOR CH 1/16W 4.7K	1	
R780	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R781	ERJ3RBD471	M.RESISTOR CH 1/16W 470	1	
R782	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R785	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R786	ERJ3RBD273	M.RESISTOR CH 1/16W 27K	1	
R801	ERJ3RED100	M.RESISTOR CH 1/16W 10	1	
R802	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R803	ERJ3RBD113	M.RESISTOR CH 1/16W 11K	1	
R804	ERJ3RBD104	M.RESISTOR CH 1/16W 100K	1	
R805,06	EXB24V224J	COMBI.R-R 220K	2	
R807	ERJ3RBD104	M.RESISTOR CH 1/16W 100K	1	
R813	ERJ3RED100	M.RESISTOR CH 1/16W 10	1	
R814	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R815	ERJ3RED100	M.RESISTOR CH 1/16W 10	1	
R817	ERJ3RBD682	M.RESISTOR CH 1/16W 6.8K	1	
R818	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R819	ERJ3RBD682	M.RESISTOR CH 1/16W 6.8K	1	
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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R820	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R821	ERJ3RBD682	M.RESISTOR CH 1/16W 6.8K	1	
R822	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R901	ERJ3RBD272	M.RESISTOR CH 1/16W 2.7K	1	
R902	ERJ3RBD472	M.RESISTOR CH 1/16W 4.7K	1	
R903	ERJ3RBD202	M.RESISTOR CH 1/16W 2K	1	
R904	ERJ3RBD332	M.RESISTOR CH 1/16W 3.3K	1	
R905	ERJ3RBD183	M.RESISTOR CH 1/16W 18K	1	
R906			1	
	ERJ3RED100			
R907	ERJ3RBD163	M.RESISTOR CH 1/16W 16K	1	
R908,09	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	2	
R910	ERJ3RBD153	M.RESISTOR CH 1/16W 15K	1	
R911,12	ERJ3RBD331	M.RESISTOR CH 1/16W 330	2	
R913	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	
TG1,G2	EYF6CU	TEST POINT	2	
			1	
TP101	EYF6CU	TEST POINT	1	
TP103-05	EYF6CU	TEST POINT	3	
			1	
TP301	EYF6CU	TEST POINT	+	
TP304,05	EYF6CU	TEST POINT	2	
TP501	EYF6CU	TEST POINT	1	
TP504,05	EYF6CU	TEST POINT	2	
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VR101	VRV0303B501	V.RESISTOR 500	1	
VR102	VRV0303B502	V.RESISTOR 5K	1	
VR301	VRV0303B501	V.RESISTOR 500	1	
VR501	VRV0303B501	V.RESISTOR 500	1	
VR501 VR502	VRV0303B501 VRV0303B502	V.RESISTOR 5K	1	
			+	
VR701	VRV0303B103	V.RESISTOR 10K	1	
VR702-04	VRV0303B202A	V.RESISTOR 2K	3	D3EC3202A002
		MISCELLANEOUS		
			1	
	XSB2+6FX	SCREW	3	
	XNG2E	NUT	1	
	VGQ4618	NUMBER PLATE (3)	1	
	VGQ4010	NOWBER PLATE (3)	 '	
■ E5	VEP000G7A	CAMERA MOTHER P.C.BOARD	1	(RTL)
■ E5	VEP000G7A	CAMERA MOTHER P.C.BOARD	1	(RTL)
■ E5	VEP000G7A	CAMERA MOTHER P.C.BOARD	1	(RTL)
				(RTL)
C1	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	(RTL)
				(RTL)
C1 C2-12	ECUX1E104ZFV ECUX1H102JV	C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 50V 1000P	1 11	(RTL)
C1	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	(RTL)
C1 C2-12 FG3,G4	ECUX1E104ZFV ECUX1H102JV VJR1094	C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 50V 1000P TERMINAL	1 11 2	(RTL)
C1 C2-12 FG3,G4	ECUX1E104ZFV ECUX1H102JV VJR1094 VLP0353	C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 50V 1000P TERMINAL COIL	1 11 2	(RTL)
C1 C2-12 FG3,G4	ECUX1E104ZFV ECUX1H102JV VJR1094	C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 50V 1000P TERMINAL	1 11 2	(RTL)
C1 C2-12 FG3,G4	ECUX1E104ZFV ECUX1H102JV VJR1094 VLP0353	C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 50V 1000P TERMINAL COIL	1 11 2	(RTL)
C1 C2-12 FG3,G4	ECUX1E104ZFV ECUX1H102JV VJR1094 VLP0353	C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 50V 1000P TERMINAL COIL	1 11 2 11 13	(RTL) K1KAG0A00006
C1 C2-12 FG3,G4 L1-11 L12-24	ECUX1E104ZFV ECUX1H102JV VJR1094 VLP0353 VLP0147	C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 50V 1000P TERMINAL COIL COIL	1 11 2 11 13	
C1 C2-12 FG3,G4 L1-11 L12-24	ECUX1E104ZFV ECUX1H102JV VJR1094 VLP0353 VLP0147 VJS4064N160E VJP4401D031	C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 50V 1000P TERMINAL COIL CONNECTOR (FEMALE) CONNECTOR (MALE)	1 11 2 11 13 5	
C1 C2-12 FG3,G4 L1-11 L12-24 P1-P5 P6 P7	ECUX1E104ZFV ECUX1H102JV VJR1094 VLP0353 VLP0147 VJS4064N160E VJP4401D031 VJP4395D012	C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 50V 1000P TERMINAL COIL COIL CONNECTOR (FEMALE) CONNECTOR (MALE) CONNECTOR (MALE)	1 11 2 11 13 5 1	
C1 C2-12 FG3,G4 L1-11 L12-24 P1-P5 P6 P7 P8	ECUX1E104ZFV ECUX1H102JV VJR1094 VLP0353 VLP0147 VJS4064N160E VJP4401D031 VJP4395D012 VJP4395D014	C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 50V 1000P TERMINAL COIL CONNECTOR (FEMALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE)	1 11 11 11 13 5 1 1	
C1 C2-12 FG3,G4 L1-11 L12-24 P1-P5 P6 P7 P8	ECUX1E104ZFV ECUX1H102JV VJR1094 VLP0353 VLP0147 VJS4064N160E VJP4401D031 VJP4395D012 VJP4395D014 VJP4395D014 VJP4395D007	C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 50V 1000P TERMINAL COIL CONNECTOR (FEMALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE)	1 11 11 13 5 1 1 1 1 1 1 1	
C1 C2-12 FG3,G4 L1-11 L12-24 P1-P5 P6 P7 P8 P9 P10	ECUX1E104ZFV ECUX1H102JV VJR1094 VLP0353 VLP0147 VJS4064N160E VJP4401D031 VJP4395D012 VJP4395D012 VJP4395D014 VJP4395D007 VJP4395D008	C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 50V 1000P TERMINAL COIL CONNECTOR (FEMALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE)	11 11 2 11 13 5 1 1 1 1 1	K1KAG0A00006
C1 C2-12 FG3,G4 L1-11 L12-24 P1-P5 P6 P7 P8	ECUX1E104ZFV ECUX1H102JV VJR1094 VLP0353 VLP0147 VJS4064N160E VJP4401D031 VJP4395D012 VJP4395D014 VJP4395D014 VJP4395D007	C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 50V 1000P TERMINAL COIL CONNECTOR (FEMALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE)	11 11 2 11 13 5 1 1 1 1 1	
C1 C2-12 FG3,G4 L1-11 L12-24 P1-P5 P6 P7 P8 P9 P10	ECUX1E104ZFV ECUX1H102JV VJR1094 VLP0353 VLP0147 VJS4064N160E VJP4401D031 VJP4395D012 VJP4395D012 VJP4395D014 VJP4395D007 VJP4395D008	C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 50V 1000P TERMINAL COIL CONNECTOR (FEMALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE)	11 11 2 11 13 5 1 1 1 1 1	K1KAG0A00006
C1 C2-12 FG3,G4 L1-11 L12-24 P1-P5 P6 P7 P8 P9 P10 P11	ECUX1E104ZFV ECUX1H102JV VJR1094 VLP0353 VLP0147 VJS4064N160E VJP4401D031 VJP4395D012 VJP4395D014 VJP4395D007 VJP4395D008 VJS2907D015	C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 50V 1000P TERMINAL COIL CONNECTOR (FEMALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE)	11 11 2 11 13 5 1 1 1 1 1 1	K1KAG0A00006
C1 C2-12 FG3,G4 L1-11 L12-24 P1-P5 P6 P7 P8 P9 P10 P11 P13	ECUX1E104ZFV ECUX1H102JV VJR1094 VLP0353 VLP0147 VJS4064N160E VJP4401D031 VJP4395D012 VJP4395D014 VJP4395D007 VJP4395D007 VJP4395D008 VJS2907D015 VJS4064K020E	C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 50V 1000P TERMINAL COIL CONNECTOR (FEMALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (FEMALE) CONNECTOR (FEMALE) CONNECTOR (FEMALE)	1 11 11 13 5 1 1 1 1 1 1	K1KAG0A00006
C1 C2-12 FG3,G4 L1-11 L12-24 P1-P5 P6 P7 P8 P9 P10 P11 P13 P14	ECUX1E104ZFV ECUX1H102JV VJR1094 VLP0353 VLP0147 VJS4064N160E VJP4401D031 VJP4395D012 VJP4395D017 VJP4395D018 VJS2907D015 VJS4064K020E VJP4395D002	C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 50V 1000P TERMINAL COIL CONNECTOR (FEMALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (FEMALE) CONNECTOR (FEMALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE)	11 11 11 13 13 5 1 1 1 1 1 1 1 1 1 1 1 1	K1KAG0A00006
C1 C2-12 FG3,G4 L1-11 L12-24 P1-P5 P6 P7 P8 P9 P10 P11 P13 P14 P15	ECUX1E104ZFV ECUX1H102JV VJR1094 VLP0353 VLP0147 VJS4064N160E VJP4401D031 VJP4395D012 VJP4395D012 VJP4395D015 VJS4064K020E VJP4395D002 VJP4395D003	C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 50V 1000P TERMINAL COIL CONNECTOR (FEMALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (FEMALE) CONNECTOR (FEMALE) CONNECTOR (FEMALE) CONNECTOR (FEMALE) CONNECTOR (FEMALE)	11 11 2 111 13 5 1 1 1 1 1 1 1 1 1 1 1 1	K1KAG0A00006
C1 C2-12 FG3,G4 L1-11 L12-24 P1-P5 P6 P7 P8 P9 P10 P11 P13 P14 P15 P16	ECUX1E104ZFV ECUX1H102JV VJR1094 VLP0353 VLP0147 VJS4064N160E VJP4401D031 VJP4395D012 VJP4395D007 VJP4395D007 VJP4395D008 VJP4395D008 VJP4395D002 VJP4395D003 VJP4395D008	C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 50V 1000P TERMINAL COIL CONNECTOR (FEMALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE)	11 11 2 11 13 5 1 1 1 1 1 1 1 1 1 1 1 1 1	K1KAG0A00006
C1 C2-12 FG3,G4 L1-11 L12-24 P1-P5 P6 P7 P8 P9 P10 P11 P13 P14 P15	ECUX1E104ZFV ECUX1H102JV VJR1094 VLP0353 VLP0147 VJS4064N160E VJP4401D031 VJP4395D012 VJP4395D012 VJP4395D015 VJS4064K020E VJP4395D002 VJP4395D003	C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 50V 1000P TERMINAL COIL CONNECTOR (FEMALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (FEMALE) CONNECTOR (FEMALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE)	11 11 2 111 13 5 1 1 1 1 1 1 1 1 1 1 1 1	K1KAG0A00006
C1 C2-12 FG3,G4 L1-11 L12-24 P1-P5 P6 P7 P8 P9 P10 P11 P13 P14 P15 P16 R21-30	ECUX1E104ZFV ECUX1H102JV VJR1094 VLP0353 VLP0147 VJS4064N160E VJP4401D031 VJP4395D012 VJP4395D014 VJP4395D007 VJP4395D007 VJP4395D008 VJP4395D008 ERJ3GEY0R00	C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 50V 1000P TERMINAL COIL CONNECTOR (FEMALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (FEMALE) CONNECTOR (FEMALE) CONNECTOR (FEMALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE)	11 11 11 13 5 1 1 1 1 1 1 1 1 1 1 1 1 1	K1KAG0A00006
C1 C2-12 FG3,G4 L1-11 L12-24 P1-P5 P6 P7 P8 P9 P10 P11 P13 P14 P15 P16	ECUX1E104ZFV ECUX1H102JV VJR1094 VLP0353 VLP0147 VJS4064N160E VJP4401D031 VJP4395D012 VJP4395D007 VJP4395D007 VJP4395D008 VJP4395D008 VJP4395D002 VJP4395D003 VJP4395D008	C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 50V 1000P TERMINAL COIL CONNECTOR (FEMALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE)	11 11 2 11 13 5 1 1 1 1 1 1 1 1 1 1 1 1 1	K1KAG0A00006
C1 C2-12 FG3,G4 L1-11 L12-24 P1-P5 P6 P7 P8 P9 P10 P11 P13 P14 P15 P16 R21-30	ECUX1E104ZFV ECUX1H102JV VJR1094 VLP0353 VLP0147 VJS4064N160E VJP4401D031 VJP4395D012 VJP4395D014 VJP4395D007 VJP4395D007 VJP4395D008 VJP4395D008 ERJ3GEY0R00	C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 50V 1000P TERMINAL COIL CONNECTOR (FEMALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (FEMALE) CONNECTOR (FEMALE) CONNECTOR (FEMALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE)	11 11 11 13 5 1 1 1 1 1 1 1 1 1 1 1 1 1	K1KAG0A00006
C1 C2-12 FG3,G4 L1-11 L12-24 P1-P5 P6 P7 P8 P9 P10 P11 P13 P14 P15 P16 R21-30	ECUX1E104ZFV ECUX1H102JV VJR1094 VLP0353 VLP0147 VJS4064N160E VJP4401D031 VJP4395D012 VJP4395D014 VJP4395D007 VJP4395D007 VJP4395D008 VJP4395D008 ERJ3GEY0R00	C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 50V 1000P TERMINAL COIL CONNECTOR (FEMALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (FEMALE) CONNECTOR (FEMALE) CONNECTOR (FEMALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE)	11 11 11 13 5 1 1 1 1 1 1 1 1 1 1 1 1 1	K1KAG0A00006
C1 C2-12 FG3,G4 L1-11 L12-24 P1-P5 P6 P7 P8 P9 P10 P11 P13 P14 P15 P16 R21-30	ECUX1E104ZFV ECUX1H102JV VJR1094 VLP0353 VLP0147 VJS4064N160E VJP4401D031 VJP4395D012 VJP4395D014 VJP4395D007 VJP4395D007 VJP4395D008 VJP4395D008 ERJ3GEY0R00	C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 50V 1000P TERMINAL COIL CONNECTOR (FEMALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (FEMALE) CONNECTOR (FEMALE) CONNECTOR (FEMALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE)	11 11 11 13 5 1 1 1 1 1 1 1 1 1 1 1 1 1	K1KAG0A00006
C1 C2-12 FG3,G4 L1-11 L12-24 P1-P5 P6 P7 P8 P9 P10 P11 P13 P14 P15 P16 R21-30	ECUX1E104ZFV ECUX1H102JV VJR1094 VLP0353 VLP0147 VJS4064N160E VJP4401D031 VJP4395D012 VJP4395D014 VJP4395D007 VJP4395D007 VJP4395D008 VJP4395D008 ERJ3GEY0R00	C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 50V 1000P TERMINAL COIL CONNECTOR (FEMALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (FEMALE) CONNECTOR (FEMALE) CONNECTOR (FEMALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE)	11 11 11 13 5 1 1 1 1 1 1 1 1 1 1 1 1 1	K1KAG0A00006
C1 C2-12 FG3,G4 L1-11 L12-24 P1-P5 P6 P7 P8 P9 P10 P11 P13 P14 P15 P16 R21-30	ECUX1E104ZFV ECUX1H102JV VJR1094 VLP0353 VLP0147 VJS4064N160E VJP4401D031 VJP4395D012 VJP4395D014 VJP4395D007 VJP4395D007 VJP4395D008 VJP4395D008 ERJ3GEY0R00	C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 50V 1000P TERMINAL COIL CONNECTOR (FEMALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (FEMALE) CONNECTOR (FEMALE) CONNECTOR (FEMALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE)	11 11 11 13 5 1 1 1 1 1 1 1 1 1 1 1 1 1	K1KAG0A00006
C1 C2-12 FG3,G4 L1-11 L12-24 P1-P5 P6 P7 P8 P9 P10 P11 P13 P14 P15 P16 R21-30	ECUX1E104ZFV ECUX1H102JV VJR1094 VLP0353 VLP0147 VJS4064N160E VJP4401D031 VJP4395D012 VJP4395D014 VJP4395D007 VJP4395D007 VJP4395D008 VJP4395D008 ERJ3GEY0R00	C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 50V 1000P TERMINAL COIL CONNECTOR (FEMALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) TEST POINT	11 11 11 13 5 1 1 1 1 1 1 1 1 1 1 1 1 1	K1KAG0A00006 K1MN15B00011
C1 C2-12 FG3,G4 L1-11 L12-24 P1-P5 P6 P7 P8 P9 P10 P11 P13 P14 P15 P16 R21-30 TG1,G2	ECUX1E104ZFV ECUX1H102JV VJR1094 VLP0353 VLP0147 VJS4064N160E VJP4401D031 VJP4395D012 VJP4395D001 VJP4395D007 VJP4395D000 VJP4395D0002 VJP4395D003 VJP4395D003 VJP4395D008 ERJ3GEY0R00 EYF6CU	C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 50V 1000P TERMINAL COIL CONNECTOR (FEMALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (FEMALE) CONNECTOR (FEMALE) CONNECTOR (FEMALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE)	11 11 11 13 5 1 1 1 1 1 1 1 1 1 1 1 1 1	K1KAG0A00006
C1 C2-12 FG3,G4 L1-11 L12-24 P1-P5 P6 P7 P8 P9 P10 P11 P13 P14 P15 P16 R21-30 TG1,G2	ECUX1E104ZFV ECUX1H102JV VJR1094 VLP0353 VLP0147 VJS4064N160E VJP4401D031 VJP4395D012 VJP4395D001 VJP4395D007 VJP4395D000 VJP4395D0002 VJP4395D003 VJP4395D003 VJP4395D008 ERJ3GEY0R00 EYF6CU	C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 50V 1000P TERMINAL COIL CONNECTOR (FEMALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) CONNECTOR (MALE) TEST POINT	11 11 11 13 5 1 1 1 1 1 1 1 1 1 1 1 1 1	K1KAG0A00006 K1MN15B00011

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
0/ 00	E011N: E::	0.040401703.01103111		
C1-C8	ECUX1E104ZFV ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.1U	1	
C13-17	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	5	
C18	ECST1AX106Z	T.CAPACITOR CH 10V 10U	1	
C19,20	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C21-23	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	3	
C24	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C25 C26-28	ECST1AX106Z ECUX1E104ZFV	T.CAPACITOR CH 10V 10U C.CAPACITOR CH 25V 0.1U	3	
C20-20	ECST1AX106Z	T.CAPACITOR CH 10V 10U	1	
C30	ECUX1H471JCV	C.CAPACITOR CH 50V 470P	1	
C31,32	ECUX1H150JCV	C.CAPACITOR CH 50V 15P	2	
C33	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	•
C34	ECST1CX106Z	T.CAPACITOR CH 16V 10U	1	
C35	ECST1AX106Z ECUX1E104ZFV	T.CAPACITOR CH 10V 10U C.CAPACITOR CH 25V 0.1U	1	
C37	ECST1CY105Z	T.CAPACITOR CH 16V 1U	1	
C38,39	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C41	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C44	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C49	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C100,01	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C102 C103,04	ECST1AX106Z ECUX1E104ZFV	T.CAPACITOR CH 10V 10U C.CAPACITOR CH 25V 0.1U	2	
C103,04 C107,08	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C110,11	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C200,01	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C202,03	ECST1CV476	E.CAPACITOR CH 16V 47M	2	
C204	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C205	ECST1CY475Z	T.CAPACITOR CH 16V 4.7U	1	
C206	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C207 C208,09	ECST1AX106Z ECUX1E104ZFV	T.CAPACITOR CH 10V 10U C.CAPACITOR CH 25V 0.1U	2	
C210,11	ECST1AX106Z	T.CAPACITOR CH 10V 10U	2	
C212-21	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	10	
C300-02	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C303	ECST1VY334Z	T.CAPACITOR CH 35V 0.33U	1	
C304	VCK0152	C.CAPACITOR		F1L1C1060016
C305,06 C307	ECUX1E104ZFV ECST1VY334Z	C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 35V 0.33U	1	
C308	VCK0152	C.CAPACITOR CH 35V 0.330	1	F1L1C1060016
C311	ECST1VY334Z	T.CAPACITOR CH 35V 0.33U	1	112101000010
C312	VCK0152	C.CAPACITOR	1	F1L1C1060016
C315,16	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C317,18	ECST1CX106Z	T.CAPACITOR CH 16V 10U	2	
C317,18 C319-21	ECST1CX106Z ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C317,18 C319-21 C322	ECST1CX106Z ECUX1E104ZFV ECHU1C104J	C.CAPACITOR CH 25V 0.1U P.CAPACITOR 16V 0.1U	3	
C317,18 C319-21	ECST1CX106Z ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C317,18 C319-21 C322 C323,24	ECST1CX106Z ECUX1E104ZFV ECHU1C104J ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U P.CAPACITOR 16V 0.1U C.CAPACITOR CH 25V 0.1U	2 3 1 2	
C317,18 C319-21 C322 C323,24 C325	ECST1CX106Z ECUX1E104ZFV ECHU1C104J ECUX1E104ZFV ECST1CC336Z	C.CAPACITOR CH 25V 0.1U P.CAPACITOR 16V 0.1U C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 16V 33U	2 3 1 2	
C317,18 C319-21 C322 C323,24 C325 C326,27 C328 C329	ECST1CX106Z ECUX1E104ZFV ECHU1C104J ECUX1E104ZFV ECST1CC336Z ECUX1E104ZFV ECST1CC336Z VCK0152	C.CAPACITOR CH 25V 0.1U P.CAPACITOR 16V 0.1U C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 16V 33U C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 16V 33U C.CAPACITOR CH 16V 33U C.CAPACITOR	2 3 1 2 1 2 1	F1L1C1060016
C317,18 C319-21 C322 C323,24 C325 C326,27 C328 C329 C330-32	ECST1CX106Z ECUX1E104ZFV ECHU1C104J ECUX1E104ZFV ECST1CC336Z ECUX1E104ZFV ECST1CC336Z VCK0152 ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U P.CAPACITOR 16V 0.1U C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 16V 33U C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 16V 33U C.CAPACITOR CH 16V 33U C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.1U	2 3 1 2 1 2 1 1 3	F1L1C1060016
C317,18 C319-21 C322 C323,24 C325 C326,27 C328 C329 C330-32 C333	ECST1CX106Z ECUX1E104ZFV ECHU1C104J ECUX1E104ZFV ECST1CC336Z ECUX1E104ZFV ECST1CC336Z VCK0152 ECUX1E104ZFV ECHU1C104J	C.CAPACITOR CH 25V 0.1U P.CAPACITOR 16V 0.1U C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 16V 33U C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 16V 33U C.CAPACITOR CH 16V 33U C.CAPACITOR CH 25V 0.1U C.CAPACITOR C.CAPACITOR CH 25V 0.1U P.CAPACITOR 16V 0.1U	2 3 1 2 1 2 1 3	
C317,18 C319-21 C322 C323,24 C325 C326,27 C328 C329 C330-32 C333 C334	ECST1CX106Z ECUX1E104ZFV ECHU1C104J ECUX1E104ZFV ECST1CC336Z ECUX1E104ZFV ECST1CC336Z VCK0152 ECUX1E104ZFV ECHU1C104J VCK0152	C.CAPACITOR CH 25V 0.1U P.CAPACITOR 16V 0.1U C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 16V 33U C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 16V 33U C.CAPACITOR CH 16V 33U C.CAPACITOR CH 25V 0.1U C.CAPACITOR C.CAPACITOR CH 25V 0.1U P.CAPACITOR 16V 0.1U C.CAPACITOR	2 3 1 2 1 1 1 3 1 1	F1L1C1060016 F1L1C1060016
C317,18 C319-21 C322 C323,24 C325 C326,27 C328 C329 C330-32 C333	ECST1CX106Z ECUX1E104ZFV ECHU1C104J ECUX1E104ZFV ECST1CC336Z ECUX1E104ZFV ECST1CC336Z VCK0152 ECUX1E104ZFV ECHU1C104J	C.CAPACITOR CH 25V 0.1U P.CAPACITOR 16V 0.1U C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 16V 33U C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 16V 33U C.CAPACITOR CH 16V 33U C.CAPACITOR CH 25V 0.1U C.CAPACITOR C.CAPACITOR CH 25V 0.1U P.CAPACITOR 16V 0.1U	2 3 1 2 1 2 1 3	
C317,18 C319-21 C322 C323,24 C325 C326,27 C328 C329 C330-32 C333 C334 C335,36	ECST1CX106Z ECUX1E104ZFV ECHU1C104J ECUX1E104ZFV ECST1CC336Z ECUX1E104ZFV VCK0152 ECUX1E104ZFV ECHU1C104J VCK0152 ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U P.CAPACITOR 16V 0.1U C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 16V 33U C.CAPACITOR CH 16V 33U C.CAPACITOR CH 16V 33U C.CAPACITOR CH 16V 33U C.CAPACITOR CH 16V 0.1U P.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.1U C.CAPACITOR C.CAPACITOR CH 25V 0.1U	2 3 1 1 2 1 1 3 1 1 1 2 1 1 1 1 1 1 1 1	
C317,18 C319-21 C322 C323,24 C325 C326,27 C328 C329 C330-32 C333 C334 C335,36 C337	ECST1CX106Z ECUX1E104ZFV ECHU1C104J ECUX1E104ZFV ECST1CC336Z ECUX1E104ZFV ECST1CC336Z VCK0152 ECUX1E104ZFV ECHU1C104J VCK0152 ECUX1E104ZFV ECHU1C104J	C.CAPACITOR CH 25V 0.1U P.CAPACITOR 16V 0.1U C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 16V 33U C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U C.CAPACITOR C.CAPACITOR CH 25V 0.1U P.CAPACITOR 16V 0.1U C.CAPACITOR C.CAPACITOR C.CAPACITOR C.CAPACITOR CH 25V 0.1U P.CAPACITOR CH 25V 0.1U P.CAPACITOR CH 25V 0.1U	2 3 1 1 2 1 1 3 1 1 1 2 1 1 1 1 1 1 1 1	F1L1C1060016
C317,18 C319-21 C322 C323,24 C325 C326,27 C328 C329 C330-32 C333 C334 C335,36 C337 C338 C339-41 C401	ECST1CX106Z ECUX1E104ZFV ECHU1C104J ECUX1E104ZFV ECST1CC336Z ECUX1E104ZFV ECST1CC336Z VCK0152 ECUX1E104ZFV ECHU1C104J VCK0152 ECUX1E104ZFV ECHU1C104J VCK0152 ECUX1E104ZFV ECHU1C104J ECHU1C104J ECHU1C104J ECHU1C104J ECHU1C104J ECHU1C104J ECHU1C104ZFV ECUX1E104ZFV ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U P.CAPACITOR 16V 0.1U C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 16V 33U C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U P.CAPACITOR CH 25V 0.1U C.CAPACITOR C.CAPACITOR 16V 0.1U C.CAPACITOR CH 25V 0.1U P.CAPACITOR CH 25V 0.1U P.CAPACITOR CH 25V 0.1U C.CAPACITOR C.CAPACITOR CH 25V 0.1U C.CAPACITOR C.CAPACITOR C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.1U	2 3 1 1 2 1 1 3 1 1 1 2 1 1 1 1 1 1 1 1	F1L1C1060016
C317,18 C319-21 C322 C323,24 C325 C326,27 C328 C329 C330-32 C333 C334 C335,36 C337 C338 C339-41 C401 C402-04	ECST1CX106Z ECUX1E104ZFV ECHU1C104J ECUX1E104ZFV ECST1CC336Z ECUX1E104ZFV ECST1CC336Z VCK0152 ECUX1E104ZFV ECHU1C104J VCK0152 ECUX1E104ZFV ECHU1C104J VCK0152 ECUX1E104ZFV ECHU1C104J VCK0152 ECUX1E104ZFV ECHU1C104J VCK0152	C.CAPACITOR CH 25V 0.1U P.CAPACITOR 16V 0.1U C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 16V 33U C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U P.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.1U C.CAPACITOR C.CAPACITOR CH 25V 0.1U P.CAPACITOR CH 25V 0.1U P.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U	2 3 1 2 1 1 1 1 1 1 2 1 1 1 1 1 1 1 1 1	F1L1C1060016
C317,18 C319-21 C322 C323,24 C325 C326,27 C328 C329 C330-32 C333 C334 C335,36 C337 C338 C339-41 C401 C402-04 C405,06	ECST1CX106Z ECUX1E104ZFV ECHU1C104J ECUX1E104ZFV ECST1CC336Z ECUX1E104ZFV ECST1CC336Z VCK0152 ECUX1E104ZFV ECHU1C104J VCK0152 ECUX1E104ZFV ECHU1C104J VCK0152 ECUX1E104ZFV ECHU1C104J VCK0152 ECUX1E104ZFV ECUX1E104ZFV ECUX1E104ZFV ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U P.CAPACITOR 16V 0.1U C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 16V 33U C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U P.CAPACITOR CH 25V 0.1U P.CAPACITOR 16V 0.1U C.CAPACITOR CH 25V 0.1U P.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.1U	2 3 1 2 1 1 1 1 3 3 1 1 1 1 1 1 3 1 1 1 1	F1L1C1060016
C317,18 C319-21 C322 C323,24 C325 C326,27 C328 C329 C330-32 C333 C334 C335,36 C337 C338 C339 C339 C34 C340 C401 C402-04 C405,06 C407,08	ECST1CX106Z ECUX1E104ZFV ECHU1C104J ECUX1E104ZFV ECST1CC336Z ECUX1E104ZFV ECST1CC336Z VCK0152 ECUX1E104ZFV ECHU1C104J VCK0152 ECUX1E104ZFV ECHU1C104J VCK0152 ECUX1E104ZFV ECHU1C104J VCK0152 ECUX1E104ZFV ECUX1E104ZFV ECUX1E104ZFV ECUX1E104ZFV ECUX1E104ZFV ECST1CX106Z	C.CAPACITOR CH 25V 0.1U P.CAPACITOR 16V 0.1U C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 16V 33U C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 16V 33U C.CAPACITOR CH 16V 33U C.CAPACITOR C.CAPACITOR CH 25V 0.1U P.CAPACITOR 16V 0.1U C.CAPACITOR C.CAPACITOR C.CAPACITOR C.CAPACITOR C.CAPACITOR CH 25V 0.1U P.CAPACITOR CH 25V 0.1U C.CAPACITOR C.CAPACITOR C.CAPACITOR C.CAPACITOR C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U	2 3 1 2 1 1 1 1 1 1 2 1 1 1 1 1 1 1 1 1	F1L1C1060016
C317,18 C319-21 C322 C323,24 C325 C326,27 C328 C329 C330-32 C333 C334 C335,36 C337 C338 C339-41 C401 C402-04 C405,06	ECST1CX106Z ECUX1E104ZFV ECHU1C104J ECUX1E104ZFV ECST1CC336Z ECUX1E104ZFV ECST1CC336Z VCK0152 ECUX1E104ZFV ECHU1C104J VCK0152 ECUX1E104ZFV ECHU1C104J VCK0152 ECUX1E104ZFV ECHU1C104J VCK0152 ECUX1E104ZFV ECUX1E104ZFV ECUX1E104ZFV ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U P.CAPACITOR 16V 0.1U C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 16V 33U C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U P.CAPACITOR CH 25V 0.1U P.CAPACITOR 16V 0.1U C.CAPACITOR CH 25V 0.1U P.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.1U	2 3 1 2 1 1 1 1 1 2 1 1 1 1 3 3 1 1 1 1	F1L1C1060016
C317,18 C319-21 C322 C323,24 C325 C326,27 C328 C329 C330-32 C334 C335,36 C337 C338 C339-41 C401 C402-04 C405,06 C407,08 C409	ECST1CX106Z ECUX1E104ZFV ECHU1C104J ECUX1E104ZFV ECST1CC336Z ECUX1E104ZFV ECST1CC336Z VCK0152 ECUX1E104ZFV ECHU1C104J VCK0152 ECUX1E104ZFV ECHU1C104J VCK0152 ECUX1E104ZFV ECHU1C104J ECUX1E104ZFV ECUX1E104ZFV ECUX1E104ZFV ECST1CX106Z ECUX1E104ZFV ECST1CX106Z ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U P.CAPACITOR 16V 0.1U C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 16V 33U C.CAPACITOR CH 16V 33U C.CAPACITOR CH 16V 33U C.CAPACITOR CH 16V 33U C.CAPACITOR CH 16V 0.1U C.CAPACITOR CH 25V 0.1U P.CAPACITOR 16V 0.1U C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.1U C.CAPACITOR 16V 0.1U C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.1U	2 3 1 1 2 1 1 1 1 2 1 1 1 1 3 3 1 1 1 1	F1L1C1060016
C317,18 C319-21 C322 C323,24 C325 C326,27 C328 C329 C330-32 C334 C335,36 C337 C338 C339-41 C401 C402-04 C405,06 C407,08 C409 C410	ECST1CX106Z ECUX1E104ZFV ECHU1C104J ECUX1E104ZFV ECST1CC336Z ECUX1E104ZFV ECST1CC336Z VCK0152 ECUX1E104ZFV ECHU1C104J VCK0152 ECUX1E104ZFV ECHU1C104J VCK0152 ECUX1E104ZFV ECHU1C104J VCK0152 ECUX1E104ZFV ECUX1E104ZFV ECUX1E104ZFV ECST1CX106Z ECUX1E104ZFV ECST1CX106Z ECUX1E104ZFV ECST1CX106Z	C.CAPACITOR CH 25V 0.1U P.CAPACITOR 16V 0.1U C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 16V 33U C.CAPACITOR CH 16V 33U C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U P.CAPACITOR CH 25V 0.1U P.CAPACITOR 16V 0.1U C.CAPACITOR C.CAPACITOR CH 25V 0.1U P.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 16V 10U C.CAPACITOR CH 16V 10U C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U	2 3 1 1 2 1 1 1 1 1 1 1 1 1 1 3 3 1 1 1 1	F1L1C1060016
C317,18 C319-21 C322 C323,24 C325 C326,27 C328 C329 C330-32 C334 C335,36 C337 C338 C339-41 C401 C402-04 C405,06 C409 C410 C412,13 C414 C415,16	ECST1CX106Z ECUX1E104ZFV ECHU1C104J ECUX1E104ZFV ECST1CC336Z ECUX1E104ZFV ECST1CC336Z VCK0152 ECUX1E104ZFV ECHU1C104J VCK0152 ECUX1E104ZFV ECHU1C104J VCK0152 ECUX1E104ZFV ECHU1C104J ECUX1E104ZFV ECST1CX106Z ECUX1E104ZFV ECST1CX106Z ECUX1E104ZFV ECST1CX106Z ECUX1E104ZFV ECST1CX106Z ECUX1E104ZFV ECST1CX106Z ECUX1E104ZFV ECST1CX106Z ECUX1E104ZFV ECST1CX106Z ECUX1E104ZFV ECST1CX106Z ECUX1E104ZFV ECST1CX106Z ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U P.CAPACITOR 16V 0.1U C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 16V 33U C.CAPACITOR CH 16V 33U C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U P.CAPACITOR 16V 0.1U C.CAPACITOR C.CAPACITOR CH 25V 0.1U P.CAPACITOR CH 25V 0.1U P.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 16V 10U C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U	2 3 1 1 2 1 1 1 3 3 1 1 1 2 1 1 1 1 1 1	F1L1C1060016
C317,18 C319-21 C322 C323,24 C325 C326,27 C328 C329 C330-32 C334 C335,36 C337 C338 C339-41 C401 C402-04 C405,06 C407,08 C409 C410 C412,13 C414 C415,16 C417	ECST1CX106Z ECUX1E104ZFV ECHU1C104J ECUX1E104ZFV ECST1CC336Z ECUX1E104ZFV ECST1CC336Z VCK0152 ECUX1E104ZFV ECHU1C104J VCK0152 ECUX1E104ZFV ECHU1C104J VCK0152 ECUX1E104ZFV ECHU1C104J ECUX1E104ZFV ECST1CX106Z ECUX1E104ZFV ECST1CX106Z ECUX1E104ZFV ECST1CX106Z ECUX1E104ZFV ECST1CX106Z ECUX1E104ZFV ECST1CX106Z ECUX1E104ZFV ECST1CX106Z ECUX1E104ZFV ECST1CX106Z ECUX1E104ZFV ECST1CX106Z ECUX1E104ZFV ECST1CX106Z	C.CAPACITOR CH 25V 0.1U P.CAPACITOR 16V 0.1U C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 16V 33U C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U P.CAPACITOR C.CAPACITOR 16V 0.1U C.CAPACITOR C.CAPACITOR CH 25V 0.1U P.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 16V 10U C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U	2 3 1 1 1 1 1 1 2 1 1 1 1 3 3 3 1 1 1 2 2 1 1 1 1	F1L1C1060016
C317,18 C319-21 C322 C323,24 C325 C326,27 C328 C329 C330-32 C333 C334 C335,36 C337 C338 C339-41 C401 C402-04 C405,06 C407,08 C409 C410 C412,13 C414 C415,16 C417 C418-21	ECST1CX106Z ECUX1E104ZFV ECHU1C104J ECUX1E104ZFV ECST1CC336Z ECUX1E104ZFV ECST1CC336Z VCK0152 ECUX1E104ZFV ECHU1C104J VCK0152 ECUX1E104ZFV ECHU1C104J VCK0152 ECUX1E104ZFV ECHU1C104J ECUX1E104ZFV ECST1CX106Z ECUX1E104ZFV ECST1CX106Z ECUX1E104ZFV ECST1CX106Z ECUX1E104ZFV ECST1CX106Z ECUX1E104ZFV ECST1CX106Z ECUX1E104ZFV ECST1CX106Z ECUX1E104ZFV ECST1CX106Z ECUX1E104ZFV ECST1CX106Z ECUX1E104ZFV ECST1CX106Z ECUX1E104ZFV ECST1CX106Z ECUX1E104ZFV ECST1AY106Z ECUX1E104ZFV ECST1VX105 ECUX1E105KBM	C.CAPACITOR CH 25V 0.1U P.CAPACITOR 16V 0.1U C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 16V 33U C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U P.CAPACITOR CH 25V 0.1U P.CAPACITOR 16V 0.1U C.CAPACITOR CH 25V 0.1U P.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 16V 10U C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U	2 3 3 1 1 2 1 1 1 3 3 1 1 1 2 1 1 1 3 3 2 1 1 1 1	F1L1C1060016
C317,18 C319-21 C322 C323,24 C325 C326,27 C328 C329 C330-32 C337 C338 C337 C338 C339-41 C401 C402-04 C405,06 C407,06 C409 C410 C412,13 C414 C415,16 C417	ECST1CX106Z ECUX1E104ZFV ECHU1C104J ECUX1E104ZFV ECST1CC336Z ECUX1E104ZFV ECST1CC336Z VCK0152 ECUX1E104ZFV ECHU1C104J VCK0152 ECUX1E104ZFV ECHU1C104J VCK0152 ECUX1E104ZFV ECHU1C104J ECUX1E104ZFV ECST1CX106Z ECUX1E104ZFV ECST1CX106Z ECUX1E104ZFV ECST1CX106Z ECUX1E104ZFV ECST1CX106Z ECUX1E104ZFV ECST1CX106Z ECUX1E104ZFV ECST1CX106Z ECUX1E104ZFV ECST1CX106Z ECUX1E104ZFV ECST1CX106Z ECUX1E104ZFV ECST1CX106Z	C.CAPACITOR CH 25V 0.1U P.CAPACITOR 16V 0.1U C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 16V 33U C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U P.CAPACITOR C.CAPACITOR 16V 0.1U C.CAPACITOR C.CAPACITOR CH 25V 0.1U P.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 16V 10U C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U	2 3 1 1 1 1 1 1 2 1 1 1 1 3 3 3 1 1 1 2 2 1 1 1 1	F1L1C1060016
C317,18 C319-21 C322 C323,24 C325 C326,27 C328 C329 C330-32 C333 C334 C335,36 C337 C338 C339-41 C401 C402-04 C405,06 C407,08 C409 C410 C412,13 C414 C415,16 C417 C418-21	ECST1CX106Z ECUX1E104ZFV ECHU1C104J ECUX1E104ZFV ECST1CC336Z ECUX1E104ZFV ECST1CC336Z VCK0152 ECUX1E104ZFV ECHU1C104J VCK0152 ECUX1E104ZFV ECHU1C104J VCK0152 ECUX1E104ZFV ECHU1C104J ECUX1E104ZFV ECST1CX106Z ECUX1E104ZFV ECST1CX106Z ECUX1E104ZFV ECST1CX106Z ECUX1E104ZFV ECST1CX106Z ECUX1E104ZFV ECST1CX106Z ECUX1E104ZFV ECST1CX106Z ECUX1E104ZFV ECST1CX106Z ECUX1E104ZFV ECST1CX106Z ECUX1E104ZFV ECST1CX106Z ECUX1E104ZFV ECST1CX106Z ECUX1E104ZFV ECST1AY106Z ECUX1E104ZFV ECST1VX105 ECUX1E105KBM	C.CAPACITOR CH 25V 0.1U P.CAPACITOR 16V 0.1U C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 16V 33U C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U P.CAPACITOR CH 25V 0.1U P.CAPACITOR 16V 0.1U C.CAPACITOR CH 25V 0.1U P.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 16V 10U C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U	2 3 3 1 2 1 1 1 1 3 3 1 1 1 2 1 1 1 3 3 1 1 1 1	F1L1C1060016
C317,18 C319-21 C322 C323,24 C325 C326,27 C328 C329 C330-32 C334 C335,36 C337 C338 C339-41 C401 C402-04 C405,06 C407,08 C409 C410 C412,13 C414 C415,16 C417 C418-21 C422,23	ECST1CX106Z ECUX1E104ZFV ECHU1C104J ECUX1E104ZFV ECST1CC336Z ECUX1E104ZFV ECST1CC336Z VCK0152 ECUX1E104ZFV ECHU1C104J VCK0152 ECUX1E104ZFV ECHU1C104J VCK0152 ECUX1E104ZFV ECUX1E104ZFV ECUX1E104ZFV ECST1CX106Z ECUX1E104ZFV ECST1CX106Z ECUX1E104ZFV ECST1CX106Z ECUX1E104ZFV ECST1CX106Z ECUX1E104ZFV ECST1CX106Z ECUX1E104ZFV ECST1CX106Z ECUX1E104ZFV ECST1CX106Z ECUX1E104ZFV ECST1CX106Z ECUX1E104ZFV ECST1VX105 ECUX1E104ZFV ECST1VX105 ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U P.CAPACITOR 16V 0.1U C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 16V 33U C.CAPACITOR CH 16V 0.1U P.CAPACITOR CH 25V 0.1U P.CAPACITOR 16V 0.1U C.CAPACITOR C.CAPACITOR CH 25V 0.1U P.CAPACITOR CH 25V 0.1U P.CAPACITOR 16V 0.1U C.CAPACITOR C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 16V 10U C.CAPACITOR CH 16V 10U C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.1U	2 2 1 1 2 2 1 1 4 4 2 2 1 1 1 1 1 1 1 1	F1L1C1060016 F1L1C1060016
C317,18 C319-21 C322 C323,24 C325 C326,27 C328 C329 C330-32 C334 C335,36 C337 C338 C339 C339 C340 C401 C402-04 C405,06 C407,08 C409 C410 C412,13 C414 C415,16 C417 C418-21 C422,23	ECST1CX106Z ECUX1E104ZFV ECHU1C104J ECUX1E104ZFV ECST1CC336Z ECUX1E104ZFV ECST1CC336Z VCK0152 ECUX1E104ZFV ECHU1C104J VCK0152 ECUX1E104ZFV ECHU1C104J VCK0152 ECUX1E104ZFV ECHU1C104J ECUX1E104ZFV ECST1CX106Z ECUX1E104ZFV ECST1CX106Z ECUX1E104ZFV ECST1CX106Z ECUX1E104ZFV ECST1CX106Z ECUX1E104ZFV ECST1CX106Z ECUX1E104ZFV ECST1CX106Z ECUX1E104ZFV ECST1CX106Z ECUX1E104ZFV ECST1CX106Z ECUX1E104ZFV ECST1XY105 ECUX1E104ZFV ECST1XY105 ECUX1E104ZFV ECST1VX105	C.CAPACITOR CH 25V 0.1U P.CAPACITOR 16V 0.1U C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 16V 33U C.CAPACITOR CH 16V 33U C.CAPACITOR CH 16V 33U C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U P.CAPACITOR CH 25V 0.1U P.CAPACITOR CH 25V 0.1U P.CAPACITOR 16V 0.1U C.CAPACITOR C.CAPACITOR CH 25V 0.1U P.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 16V 10U C.CAPACITOR CH 16V 10U C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.1U	2 2 1 1 2 2 1 1 4 4 2 2 1 1 1 1 1 1 1 1	F1L1C1060016 F1L1C1060016 MAZ80510HL

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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
D5	MA8051-H	DIODE	1	MAZ80510HL
D10,11	MA3J14300L	DIODE	2	
D12-23	MA714	DIODE	12	
IC1	HD64F2633TE	IC	1	
IC2	NJM2902V	IC	1	
IC5	TLCX244FT	IC	1	
IC6	TC7SZ00F	IC	1	
IC7	C0JBAA000002	IC	1	
IC8	FST3253MTC	IC	1	
IC9	TC7SZ08F	IC	1	
IC10,11	TC7SZ126F	IC	2	
IC13	51957BFP	IC	1	
IC14	TVHC08FT	IC	1	
IC15	TLCX541FT	IC	1	
IC16	NJM062V	IC	1	
IC100	EPM7128AT-10	IC	1	C1ZBZ0001677
IC200	TLVX4245FS	IC	1	
IC201	STK12C68S45	IC	1	
IC202	MBLV160BE70T	IC	1	
IC203	T55V16256T15	IC	1	
IC205,06	TLCX16244A	IC	2	
IC211	TVHT541FT	IC	1	
IC300	TC7SET00F	IC	1	
IC301	THC4053FT	IC	1	
IC302,03	NJM064V	IC	2	
IC304	LTC1660IGN	IC	1	C0FBBF000026
IC305	TC7SET00F	IC	1	
IC306	NJM2904V	IC	1	
IC307	NJM064V	IC	1	
IC308	THC4053FT	IC	1	
IC309	NJM064V	IC	1	
IC401	XC62KN4502P	IC	1	
IC402	XC62FP4502PR	IC	1	
IC403	NJM78L09UA	IC	1	C0CBAHC00002
IC404	TLCX157F	IC	1	
ID1	VVVSI3433A	SOFTWARE	1	
ID100	VVVSI3434A	SOFTWARE	1	
ID202B	VVVSI3436B	SOFTWARE	1	
ID202A	VVVSI3687	SOFTWARE	1	
L1	VLP0353	COIL	1	
L2	VLP0321A300	FERRITE CORE	1	
L100	VLP0321A300	FERRITE CORE	1	
L200-02	VLP0321A300	FERRITE CORE	3	
L203-07	VLP0147	COIL	5	
L400-69	VLF1147A680	FILTER	70	
L470-76	VLP0321A300	FERRITE CORE	7	
L477	VLF1147A680	FILTER	1	
P1	VJP4064Q160	CONNECTOR (MALE)		K1KBG0B00002
P2	VJS3791B020	CONNECTOR (FEMALE)	1	
P3	VJP4395D015	CONNECTOR (MALE)	1	
P100	VJP3125B008	CONNECTOR (MALE)	1	
			L	
QR100-03	UN5213	TRANSISTOR-RESISTOR	4	
			L	
R1	ERJ3RBD682	M.RESISTOR CH 1/16W 6.8K	1	
R2	ERJ3RBD203	M.RESISTOR CH 1/16W 20K	1	
R3	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	
R4	ERJ3RBD682	M.RESISTOR CH 1/16W 6.8K	1	
R5	ERJ3RBD203	M.RESISTOR CH 1/16W 20K	1	
R6	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	
R7	ERJ3RBD682	M.RESISTOR CH 1/16W 6.8K	1	
R8	ERJ3RBD203	M.RESISTOR CH 1/16W 20K	1	
R9	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	
R10	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R12	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R13	ERJ3RBD303	M.RESISTOR CH 1/16W 30K	1	
R15	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R16,17	ERJ3GEYJ683	M.RESISTOR CH 1/16W 68K	2	
R18,19	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	
R23	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R26	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R29	ERJ3GEYJ563	M.RESISTOR CH 1/16W 56K	1	
R35-37	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	3	
R38,39	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R40-42	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	3	
R43	ERJ3GEYJ683	M.RESISTOR CH 1/16W 68K	1	
R44	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R45	ERJ3GEYJ302	M.RESISTOR CH 1/16W 3K	1	
R46	ERJ3GEYJ201	M.RESISTOR CH 1/16W 200	1	
R47-52	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	6	
R53	ERJ3GEYJ123	M.RESISTOR CH 1/16W 12K	1	
R54	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	1	
R56,57	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R60	ERJ3GEYJ563	M.RESISTOR CH 1/16W 56K		
R61	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R62 R64	ERJ3GEYJ683	M.RESISTOR CH 1/16W 68K M.RESISTOR CH 1/16W 33	1	
	ERJ3GEYJ330		+	
R65,66	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	
R68	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K M.RESISTOR CH 1/16W 0	2	
R69,70 R79,80	ERJ3GEY0R00		+	
· · · · · · · · · · · · · · · · · · ·	ERJ3GEYJ473 ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K M.RESISTOR CH 1/16W 47K	2	
R85,86	ERJ3GEYJ101		2	
R88,89		M.RESISTOR CH 1/16W 100 M.RESISTOR CH 1/16W 10K	4	
R93-96 R97	ERJ3GEYJ103 ERJ3GEY0R00	M.RESISTOR CH 1/16W 10K	1	
	ERJ3GEY0R00 ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R101,02			+	
R103-06	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	4	
R108	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100 M.RESISTOR CH 1/16W 100	1	
R110 R115,16	ERJ3GEYJ101 ERJ3GEYJ563	M.RESISTOR CH 1/16W 100 M.RESISTOR CH 1/16W 56K	2	
R117	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R117	ERJ3GEYJ103	M.RESISTOR CH 1/16W 0	1	
R119-22	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	4	
R119-22 R127,28	ERJ3GEYJ563	M.RESISTOR CH 1/16W 100 M.RESISTOR CH 1/16W 56K	2	
R127,20	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	4	
R139,40	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	2	
R142	ERJ3GEY0R00	M.RESISTOR CH 1/16W 4/K	1	
R143-45	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	3	
R147	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R201	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R202	ERJ3GEYJ563	M.RESISTOR CH 1/16W 56K	1	
R204	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R207-22	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	16	
R227	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R228-36	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	9	
R246-48	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	3	
R251-55	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	5	
R256,57	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	2	
R302	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R303	ERJ3RBD104	M.RESISTOR CH 1/16W 100K	1	
R304,05	ERJ3RBD823	M.RESISTOR CH 1/16W 82K	2	
R306	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R308,09	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	2	
R310	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R311	ERJ3RBD104	M.RESISTOR CH 1/16W 100K	1	
R312,13	ERJ3RBD823	M.RESISTOR CH 1/16W 82K	2	
R314	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R316,17	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	2	
R318	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R319	ERJ3RBD104	M.RESISTOR CH 1/16W 100K	1	
R320,21	ERJ3RBD823	M.RESISTOR CH 1/16W 82K	2	
R322	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R324,25	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	2	
R326	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R327	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R328,29	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R330	ERJ3RBD683	M.RESISTOR CH 1/16W 68K	1	
R331	ERJ3RBD513	M.RESISTOR CH 1/16W 51K	1	
R332	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R334-37	ERJ3RBD223	M.RESISTOR CH 1/16W 22K	4	
R339	ERJ3RBD272	M.RESISTOR CH 1/16W 2.7K	1	
R340	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R341	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R342	ERJ3RBD683	M.RESISTOR CH 1/16W 68K	1	
R343	ERJ3RBD153	M.RESISTOR CH 1/16W 15K	1	
R344	ERJ3RBD104	M.RESISTOR CH 1/16W 100K	1	
			1	
			1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R345	ERJ3RBD272	M.RESISTOR CH 1/16W 2.7K	1	
R346	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R349	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R351	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R352	ERJ3RBD683	M.RESISTOR CH 1/16W 68K	1	
R353	ERJ3RBD153	M.RESISTOR CH 1/16W 15K	1	
R354	ERJ3RBD104	M.RESISTOR CH 1/16W 100K	1	
R355	ERJ3RBD272	M.RESISTOR CH 1/16W 2.7K	1	
R357	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R358	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R361	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R363	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R364	ERJ3RBD683	M.RESISTOR CH 1/16W 68K	1	
R365	ERJ3RBD153	M.RESISTOR CH 1/16W 15K	1	
R366	ERJ3RBD104	M.RESISTOR CH 1/16W 100K	1	
R367	ERJ3RBD272	M.RESISTOR CH 1/16W 2.7K	1	
R368	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R371	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R382-87	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	6	
R400-03	ERJ3GEYJ683	M.RESISTOR CH 1/16W 68K	4	
R405-16	ERJ3GEYJ683	M.RESISTOR CH 1/16W 68K	12	
R429,30	ERJ3GEYJ683	M.RESISTOR CH 1/16W 68K	2	
R431	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R432-35	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	4	
R436-38	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	3	
R440	ERDS2TJ473	C.RESISTOR 1/4W 47K	1	D0AE473JA045
R450	ERDS2TJ391	C.RESISTOR 1/4W 390	1	
SW1	VSS0342	SWITCH	1	K0D112B00056
TG401,02	EYF6CU	TEST POINT	2	
TP1,P2	EYF6CU	TEST POINT	2	
TP200,01	EYF6CU	TEST POINT	2	
TP403-05	EYF6CU	TEST POINT	3	
X1	VSX0821	CRYSTAL OSCILLATOR	1	H0J160500014
		MISCELLANEOUS		
	XSB2+6FX	SCREW	3	
	XNG2E	NUT	1	
	VGQ4617	NUMBER PLATE (2)	1	
■ E7	VEP23509B	DSP 3 P.C.BOARD	1	(RTL)
			ΗĖ	
	 		+	
C100-02	ECUX1H020CCV	C.CAPACITOR CH 50V 2P	3	
C100-02	ECUX1F104ZFV	C.CAPACITOR CH 50V 2P	9	
C112-17	ECST1CX156Z	T.CAPACITOR CH 16V 15U	6	
C121	ECUX1H010CCV	C.CAPACITOR CH 16V 150	1	
C122	ECUX1F104ZFV	C.CAPACITOR CH 50V 1P	1	
	ECUX1E104ZFV ECUX1H010CCV		1	
C123				
C124	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 50V 1P	1	
C125	ECUX1H010CCV		1	
C126-34	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	9	
C135,36	ECST1AX336	E.CAPACITOR 6.3V 120U	2	
C137,38	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C139	ECST1AX336	E.CAPACITOR 6.3V 120U	1	
C140-44	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	5	
C145	ECST1AX336	E.CAPACITOR 6.3V 120U	1	
C146,47	ECHU1C104J	P.CAPACITOR 16V 0.1U	2	
C148	ECST1AX336	E.CAPACITOR 6.3V 120U	1	
C149	ECHU1C104J	P.CAPACITOR 16V 0.1U	1	
C150	ECST1AX336	E.CAPACITOR 6.3V 120U	1	
	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	9	
C151-59		IC CADACITOD CLI FOV 22D	2	1
C160,61	ECUX1H330JCV	C.CAPACITOR CH 50V 33P	+	
C160,61 C168-73	ECST0JY156Z	T.CAPACITOR CH6.3V 15U	6	
C160,61 C168-73 C174-91	ECST0JY156Z ECUX1E104ZFV	T.CAPACITOR CH6.3V 15U C.CAPACITOR CH 25V 0.1U	18	
C160,61 C168-73 C174-91 C192-97	ECST0JY156Z ECUX1E104ZFV ECST0JY156Z	T.CAPACITOR CH6.3V 15U C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH6.3V 15U	18	
C160,61 C168-73 C174-91	ECST0JY156Z ECUX1E104ZFV	T.CAPACITOR CH6.3V 15U C.CAPACITOR CH 25V 0.1U	18	
C160,61 C168-73 C174-91 C192-97	ECST0JY156Z ECUX1E104ZFV ECST0JY156Z	T.CAPACITOR CH6.3V 15U C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH6.3V 15U	18	

C201-12 ECUX1E104ZFV C.CAPACITOR CH 25V 0.1U 12 C213-15 ECST1AY106Z T.CAPACITOR CH 10V 10U 3 C300,01 ECUX1E104ZFV C.CAPACITOR CH 25V 0.1U 2 C303.04 ECUX1E104ZFV C.CAPACITOR CH 25V 0.1U 2 C305 ECUX1H300JCV C.CAPACITOR CH 25V 0.1U 17 C306 ECST1AX336 E.CAPACITOR CH 25V 0.1U 17 C307-23 ECUX1E104ZFV C.CAPACITOR CH 25V 0.1U 17 C324 ECST1CX156Z T.CAPACITOR CH 25V 0.1U 17 C325 ECUX1E104ZFV C.CAPACITOR CH 25V 0.1U 17 C326 ECST1AX336 E.CAPACITOR CH 25V 0.1U 1 C327-32 ECUX1E104ZFV C.CAPACITOR CH 25V 0.1U 1 C328 ECST1AX336 E.CAPACITOR CH 25V 0.1U 1 C329 ECUX1E104ZFV C.CAPACITOR CH 25V 0.1U 1 C320 ECST1AX336 E.CAPACITOR CH 25V 0.1U 1 C331 ECST1AX336 E.CAPACITOR CH 30V 120U 1 C332-32 ECUX1E104ZFV C.CAPACITOR CH 25V 0.1U 1 C333 ECST1AX336 E.CAPACITOR CH 30V 120U 1 C334-36 ECUX1H300JCV C.CAPACITOR CH 50V 33P 3 C337 ECUX1E104ZFV C.CAPACITOR CH 25V 0.1U 4 C349 ECUX1E104ZFV C.CAPACITOR CH 25V 0.1U 4 C340 ECUX1E104ZFV C.CAPACITOR CH 25V 0.1U 1 C344 ECUX1E104ZFV C.CAPACITOR CH 25V 0.1U 1 C346 ECUX1H300JCV C.CAPACITOR CH 25V 0.1U 1 C346 ECUX1H300JCV C.CAPACITOR CH 25V 0.1U 1 C350,51 ECUX1E104ZFV C.CAPACITOR CH 25V 0.1U 1 C354-56 ECUX1H300JCV C.CAPACITOR CH 25V 0.1U 2 C353 ECUX1E104ZFV C.CAPACITOR CH 25V 0.1U 1 C354-56 ECUX1H300JCV C.CAPACITOR CH 25V 0.1U 1 C356-56 ECUX1H300JCV C.CAPACITOR CH 25V 0.1U 1 C363-64 ECUX1H300JCV C.CAPACITOR CH 25V 0.1U 1 C363-64 ECUX1H300JCV C.CAPACITOR CH 25V 0.1U 1 C363-65 ECUX1H300JCV C.CAPACITOR CH 25V 0.1U 1 C363-66 ECUX1H100ZFV C.CAPACITOR CH 25V 0.1U 1 C363-67-81 ECUX1E104ZFV C.CAPACITOR CH 25V 0.1U 15 C363-67-81 ECUX1E104ZFV C.CAPACITOR CH 25V 0.1U 15 C363-87 ECUX1E104ZFV C.CAPACITOR CH 25V 0.1U 15 C363-887 ECUX1E104ZFV C.CAPACITOR CH 25V 0.1U 15 C363-897 ECUX1E104ZFV C.CAPACITOR CH 25V 0.1U 15 C363-80 ECUX1E104ZFV C.CAPACITOR CH 25V 0.1U 15 C363-80 ECUX1E104ZFV C.CAPACITOR CH 25V 0.1U 15 C363-80 ECUX1E104ZFV C.CAPACITOR CH 25V 0.1U 15 C363-80 ECUX1E104ZFV C.CAPACITOR CH 25V 0.1U 15 C363-80 ECUX1E104ZFV C.CAPACITOR CH 25V 0.1U 15 C363-80 ECUX1E104ZFV C.CAPACITOR CH 25V 0.1U 15 C363-80 ECUX1E104ZFV	
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C525,26 ECST1CY685Z T.CAPACITOR CH 16V 6.8U 2	
C527 ECUX1H100DCV C.CAPACITOR CH 50V 10P 1	
C530,31	
C537 ECUX1E104ZFV C.CAPACITOR CH 25V 0.1U 1	
C538 ECST1CY685Z T.CAPACITOR CH 16V 6.8U 1	
C539 ECST1AY106Z T.CAPACITOR CH 10V 10U 1	
C540,41	
C542 ECST1CY685Z T.CAPACITOR CH 16V 6.8U 1	
C543,44	
C545 ECUX1H330JCV C.CAPACITOR CH 50V 33P 1	
C546	
C547	
C548-51	
C553-55 ECUX1E104ZFV C.CAPACITOR CH 25V 0.1U 3	
FI 100 00 NU 51500	
FL100-02 VLF1508 FILTER 3	
IC100 LM4040CIX2.5 IC 1	
IC101-06 CLC505AJE IC 6 C0ABAB0000	24
IC107-09 TC4W53FU IC 3	
IC110-15 AD9203ARURL7 IC 6	
IC116-18 NJM072BV IC 3	
IC300,01 C1AB00001228 IC 2	
IC302 TC7W08FU IC 1	
IC304,05 51957BFP IC 2	
IC306 MB87J1220 IC 1	
IC307 C0FBBF000029 IC 1	
IC308 CXD2304R IC 1	
IC309 TC7SZ08F IC 1	
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10040 100707000404 10	
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IC313 TC7SZ08F IC 1 IC321 TLCX541FT IC 1	
IC313 TC7SZ08F IC	

D-(N-	Dord No.	Dent Nemes & Description	D	D d
Ref.No.	Part No. AK9813AF	Part Name & Description	Pcs 1	Remarks
IC501	TC7S86FU	IC	1	
IC502	LM4040CIX2.5	IC	1	
IC503,04	TC7SZ00F	IC	2	
IC505-09	TC7SZ08F	IC	5	
IC512,13	NJM072BV	IC	2	
IC514 IC515	TLCX74FT C0JBAZ000602	IC IC	1	
IC515	TC7W08FU	IC IC	1	
IC518	TC7SZ00F	IC	1	
IC519	TC7S02FU	IC	1	
J501	VJR1094	TERMINAL	1	
1000	\(\(\)	0011	1	
L300 L301-03	VLQ0319M3R3 VLP0353	COIL 3.3UH	3	
L304	VLQ0779M2R2	COIL 2.2UH	1	
L305	VLF1147A241	FILTER	1	
L306-08	VLP0353	COIL	3	
L310	VLF1147A241	FILTER	1	
L312,13	VLF1147A241	FILTER	2	
L314,15	VLP0353	COIL	2	
L316-22 L323	VLF1147A241 VLP0155	FILTER	7	
L323	VLF1147A680	FILTER	1	
L500-02	VLP0321A300	FERRITE CORE	3	
L503-02	VLP0155	COIL	6	
L509	VLF1147A680	FILTER	1	
L510	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
L511-14	VLF1147A680	FILTER	4	
			<u> </u>	
P100	VJP4395D008	CONNECTOR (MALE)	1	
P300	VJP4395D008	CONNECTOR (MALE)	1	
P301 P500	VJP4395D015 VJP4064N160B	CONNECTOR (MALE) CONNECTOR (MALE)	1	
	V3F4004IN 100B	CONNECTOR (MALE)	 '	
Q500	2SC4176	TRANSISTOR	1	B1ABDB000014
Q501	2SB1073	TRANSISTOR	1	
Q502	2SD1119	TRANSISTOR	1	
Q503	2SB1073	TRANSISTOR	1	
Q504	2SC4176	TRANSISTOR	1	B1ABDB000014
Q505	2SA1610	TRANSISTOR	1	DA A DD DOOGGA A
Q506	2SC4176	TRANSISTOR	+'	B1ABDB000014
R100-02	ERJ3RED750	M.RESISTOR CH 1/16W 75	3	
R103-08	ERJ3RBD561	M.RESISTOR CH 1/16W 560	6	
R109-12	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	4	
R113	ERJ3RBD272	M.RESISTOR CH 1/16W 2.7K	1	
R114,15	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	2	
R116	ERJ3RBD332	M.RESISTOR CH 1/16W 3.3K	1	
R117	ERJ3RBD222	M.RESISTOR CH 1/16W 2.2K M.RESISTOR CH 1/16W 100K	3	
R118-20 R121-26	ERJ3GEYJ104 ERJ3RBD221	M.RESISTOR CH 1/16W 100K	6	
R136-38	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	3	
R139	ERJ3RBD132	M.RESISTOR CH 1/16W 1.3K	1	
R140	ERJ3RBD104	M.RESISTOR CH 1/16W 100K	1	
R141	ERJ3RBD202	M.RESISTOR CH 1/16W 2K	1	
R142	ERJ3RBD104	M.RESISTOR CH 1/16W 100K	1	
R143	ERJ3RBD202	M.RESISTOR CH 1/16W 2K	1	
R144	ERJ3RBD104 ERJ3RBD202	M.RESISTOR CH 1/16W 100K	1	
R145 R146,47	ERJ3RBD202 ERJ3RBD132	M.RESISTOR CH 1/16W 2K M.RESISTOR CH 1/16W 1.3K	2	
R148-50	ERJ3GEYJ104	M.RESISTOR CH 1/16W 1.3K	3	
R151-53	ERJ3RBD472	M.RESISTOR CH 1/16W 4.7K	3	
R157	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R158	ERJ3RBD362	M.RESISTOR CH 1/16W 3.6K	1	
R159	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R160	ERJ3RBD362	M.RESISTOR CH 1/16W 3.6K	1	
R161	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R162 R163-65	ERJ3RBD362 ERJ3RED510	M.RESISTOR CH 1/16W 3.6K M.RESISTOR CH 1/16W 51	3	
R166-68	ERJ3RBD432	M.RESISTOR CH 1/16W 4.3K	3	
R169-71	ERJ3RBD101	M.RESISTOR CH 1/16W 100	3	
R172,73	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R174-79	ERJ3RED200	M.RESISTOR CH 1/16W 20	6	
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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R186-88	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	3	
R192-94	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	3	
R300	EXB24V473J	COMBI.R-R 47K	1	
R304	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R305,06	EXB24V473J	COMBI.R-R 47K	2	
R307	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R308	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R309	ERJ3GEYJ113	M.RESISTOR CH 1/16W 11K	1	
R310	ERJ3GEYJ153	M.RESISTOR CH 1/16W 15K	1	
R311	ERJ3GEYJ123	M.RESISTOR CH 1/16W 12K	1	
R312	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R313,14	EXB24V473J	COMBI.R-R 47K	2	
R315	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R316,17	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	2	
R318	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R319	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	1	
R320	EXB24V473J	COMBI.R-R 47K	1	
R321	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R322	EXB24V473J	COMBI.R-R 47K	1	
R323	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R325	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R326	EXB24V473J	COMBI.R-R 47K	1	
R328	ERJ3RBD163	M.RESISTOR CH 1/16W 16K	1	
R329	ERJ3RBD561	M.RESISTOR CH 1/16W 560	1	
R330,31	ERJ3GEYJ511	M.RESISTOR CH 1/16W 510	2	
R334	ERJ3RED750	M.RESISTOR CH 1/16W 75	1	
R335	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R336	ERJ3RED750	M.RESISTOR CH 1/16W 75	1	
R337,38	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R339	ERJ3RED750	M.RESISTOR CH 1/16W 75	1	
R340,41	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R342-44	ERJ3GEYJ512	M.RESISTOR CH 1/16W 5.1K	3	
R345	ERJ3RBD163	M.RESISTOR CH 1/16W 16K	1	
R347,48	ERJ3GEYJ511	M.RESISTOR CH 1/16W 510	2	
R351	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R352-54	ERJ3GEYG102		3	
R355,56	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R358-60	ERJ3GEYJ752	M.RESISTOR CH 1/16W 7.5K	3	
R365	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	1	
R366	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R367	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R369	EXB24V100J	COMBI.R-R 10	1	
R376	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R379,80	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	2	
R387-89	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	3	
R396-98	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	3	
R500	EXB24V473J	COMBI.R-R 47K	1	
R502	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R503,04	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R505	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
			+	
R507	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	1	
R509	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R510	ERJ3RBD202	M.RESISTOR CH 1/16W 2K	1	
R511	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R513	ERJ3RBD272	M.RESISTOR CH 1/16W 2.7K	1	
R514	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	1	
R515	ERJ3RBD562	M.RESISTOR CH 1/16W 5.6K	1	
R516	ERJ3RBD202	M.RESISTOR CH 1/16W 2K	1	
R517	ERJ3GEYJ333	M.RESISTOR CH 1/16W 33K	1	
R518	ERJ3RBD272	M.RESISTOR CH 1/16W 2.7K	1	
R519,20	ERJ3RED100	M.RESISTOR CH 1/16W 10	2	
R521	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	1	
R522	ERJ3GEYJ123	M.RESISTOR CH 1/16W 12K	<u> </u>	
R523	ERJ3RBD153	M.RESISTOR CH 1/16W 15K	1	
R524	ERJ3RED100	M.RESISTOR CH 1/16W 10	1	
R525	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R526,27	ERJ3RBD472	M.RESISTOR CH 1/16W 4.7K	2	
R528	ERJ3GEYJ333	M.RESISTOR CH 1/16W 33K	1	
R529,30	ERJ3RBD472	M.RESISTOR CH 1/16W 4.7K	2	
R531	ERJ3GEYJ333	M.RESISTOR CH 1/16W 33K	1	
R532	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R533	ERJ3RBD471	M.RESISTOR CH 1/16W 470	1	
R534	ERJ3RBD123	M.RESISTOR CH 1/16W 12K	1	
R535,36	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	2	
R537	ERJ3RBD153	M.RESISTOR CH 1/16W 15K	1	
			1	
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		1		

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R538	ERJ3RBD202	M.RESISTOR CH 1/16W 2K	1	
R539	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R540	ERJ3RBD243	M.RESISTOR CH 1/16W 24K	1	
R541	ERJ3RBD303	M.RESISTOR CH 1/16W 30K	1	
R542-44 R545	ERJ3RBD331 ERJ3RED220	M.RESISTOR CH 1/16W 330 M.RESISTOR CH 1/16W 22	1	
R548	ERJ3GEYJ104	M.RESISTOR CH 1/16W 22	1	
R549	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R550	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R551,52	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R558-60	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	3	
			-	
TG100	EYF6CU	TEST POINT	1	
TG324	EYF6CU	TEST POINT	1	
TP104-06	EYF6CU	TEST POINT	3	
TP300,01	EYF6CU	TEST POINT	2	
TP305-07	EYF6CU	TEST POINT	3	
X500	H1C7425B0001	CRYSTAL OSCILLATOR	1	
		MISCELLANEOUS		
			-	
	VMP6383	P.C.BOARD HOLDER ANGLE	1	
	XYN26+F6FX	SCREW	2	
			-	
			-	
			-	
■ E8	VEP23500A	VIDEO OUT P.C.BOARD	1	(RTL)
	V2.1 2000071	VIDEO 0011 10.007 III.0	+	(1112)
C91,92	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C94	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C95,96	ECST1CX156Z	T.CAPACITOR CH 16V 15U	2	
C97	ECUX1H060DCV	C.CAPACITOR CH 50V 6P	1	
C98,99	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C101	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C102,03	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C105	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C106	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C107	ECST1CX156Z	T.CAPACITOR CH 16V 15U	1	
C108-14	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	7	
C116	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C117,18	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C120	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C121,22		C.CAPACITOR CH 25V 0.1U	2	
C124	ECUX1H101JCV	C.CAPACITOR CH 25V 0.1U	1	
C125,26	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C128 C129,30	ECST1CY1567	C.CAPACITOR CH 50V 100P T.CAPACITOR CH 16V 15U	2	
C129,30 C131,32	ECST1CX156Z ECUX1E104ZFV	C.CAPACITOR CH 16V 15U	2	
C131,32	ECUX1H101JCV	C.CAPACITOR CH 25V 0.10	1	
C135,36	ECUX1F1013CV	C.CAPACITOR CH 25V 0.1U	2	
C138	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C140-44	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	5	
C145	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C147	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C508,09	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C510	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C511	ECST1CX156Z	T.CAPACITOR CH 16V 15U	1	
C512	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C513-18	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	6	
C519	ECUX1H331JCV	C.CAPACITOR CH 50V 330P	1	
	ECUX1H221JCV	C.CAPACITOR CH 50V 220P	1	
C520			2	1
C520 C521,22	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	+	
C520 C521,22 C523	ECUX1E104ZFV ECHU1C104J	P.CAPACITOR 16V 0.1U	1	
C520 C521,22 C523 C524,25	ECUX1E104ZFV ECHU1C104J ECUX1E104ZFV	P.CAPACITOR 16V 0.1U C.CAPACITOR CH 25V 0.1U	1	
C520 C521,22 C523 C524,25 C526	ECUX1E104ZFV ECHU1C104J ECUX1E104ZFV ECUX1H100DCV	P.CAPACITOR 16V 0.1U C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 50V 10P	1 2	
C520 C521,22 C523 C524,25 C526 C527,28	ECUX1E104ZFV ECHU1C104J ECUX1E104ZFV ECUX1H100DCV ECUX1H221JCV	P.CAPACITOR 16V 0.1U C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 50V 10P C.CAPACITOR CH 50V 220P	1 2 1 2	
C520 C521,22 C523 C524,25 C526 C527,28 C529	ECUX1E104ZFV ECHU1C104J ECUX1E104ZFV ECUX1H100DCV ECUX1H221JCV ECUX1E104ZFV	P.CAPACITOR 16V 0.1U C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 50V 10P C.CAPACITOR CH 50V 220P C.CAPACITOR CH 25V 0.1U	1 2 1 2 1	
C520 C521,22 C523 C524,25 C526 C527,28 C529 C530,31	ECUX1E104ZFV ECHU1C104J ECUX1E104ZFV ECUX1H100DCV ECUX1H221JCV ECUX1E104ZFV ECUX1H101JCV	P.CAPACITOR 16V 0.1U C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 50V 10P C.CAPACITOR CH 50V 220P C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 50V 100P	1 2 1 2 1 2	
C520 C521,22 C523 C524,25 C526 C527,28 C529 C530,31 C533	ECUX1E104ZFV ECHU1C104J ECUX1E104ZFV ECUX1H100DCV ECUX1H221JCV ECUX1E104ZFV ECUX1H101JCV ECST1CY105Z	P.CAPACITOR 16V 0.1U C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 50V 10P C.CAPACITOR CH 50V 220P C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 50V 100P T.CAPACITOR CH 16V 1U	1 2 1 2 1 2 1 2	
C520 C521,22 C523 C524,25 C526 C527,28 C529 C530,31	ECUX1E104ZFV ECHU1C104J ECUX1E104ZFV ECUX1H100DCV ECUX1H221JCV ECUX1E104ZFV ECUX1H101JCV	P.CAPACITOR 16V 0.1U C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 50V 10P C.CAPACITOR CH 50V 220P C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 50V 100P	1 2 1 2 1 2	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C539	ECST1CX156Z	T.CAPACITOR CH 16V 15U	1	
C540	ECUX1H470JCV	C.CAPACITOR CH 50V 47P	1	
C541	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C542	ECUX1H221JCV	C.CAPACITOR CH 50V 220P	1	
C543	ECST1CX156Z	T.CAPACITOR CH 16V 15U	1	
C544,45	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C547	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
C549	ECUX1H682KBV	C.CAPACITOR CH 50V 6800P	1	
C551	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C555-57	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C559	ECST1CY475Z	T.CAPACITOR CH 16V 4.7U	1	
C560-63	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	4	
C564	ECST1CX156Z	T.CAPACITOR CH 16V 15U	1	
C701	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C702	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C703-05	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C706,07	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	2	
C708,09	ECST1CV476	E.CAPACITOR CH 16V 47M	2	
C710,11	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C716	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C717	ECST1CX156Z	T.CAPACITOR CH 16V 15U	1	
C718	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C719	ECST1CX156Z	T.CAPACITOR CH 16V 15U	1	
C720	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C721	ECST1CX156Z	T.CAPACITOR CH 16V 15U	1	
DE04.04	144447	DIODE	+-	
D501-04	MA147	DIODE	4	
	\(\(\) \(\) \(\) \(\) \(\) \(\) \(\) \(EII TED	+-	
FL7	VLF1515	FILTER	1	
FL9	VLF1515	FILTER	1	
1010	TUO AOSOST	10		
IC13	THC4053FT	IC IC	1	COADADO00004
IC23-25	CLC505AJE	IC	1	C0ABAB000024
IC26	THC4053FT			COADADOOOOA
IC27-32 IC34	CLC505AJE LVX3245QSC	IC	1	C0ABAB000024
IC37	TC4W53F	IC		C0JBAR000225
		IC	<u>-</u>	
IC38	CLC505AJE CLC505AJE	IC	1	C0ABAB000024 C0ABAB000024
IC501 IC502	GS4981-C	IC	<u>'</u>	CUADADUUU24
IC503	TC7W74FU	IC	1	
IC505	TC7S32FU	IC	1	
IC505	TVHC221FT	IC	1	
IC507	TC4W53FU	IC	1	
IC508	NJM062V	IC	1	
IC509	NJM360M	IC	1	C0BBZB000001
IC510	TVHC221FT	IC	+ '	COBBZBOOOOT
IC511		IC	1	
IC512	NJM062V	IC	1	
IC512	TVHC221FT	IC	1	
IC513	74HC4046MTCX	IC	1	
IC514	NJU7064V	IC	1	
IC515	TC7S00FU	IC	1	
IC517,18	TC7W126F	IC	2	
IC701	LM4040CIX2.5	IC	1	
IC702	NJM072BV	IC	1	
IC704	TVHC595FT	IC	1	
			†	
L500,01	VLP0155	COIL	2	
L504-08	VLP0155	COIL	5	
			+ -	
P1	VJP4064Q160	CONNECTOR (MALE)	1	K1KBG0B00002
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Q501	2SA1610	TRANSISTOR	1	
Q701	2SB1073	TRANSISTOR	1	
Q702	2SD1119	TRANSISTOR	1	
Q702	2SC4176	TRANSISTOR		B1ABDB000014
Q704	2SA1610	TRANSISTOR	1	
Q708	2SD1280-R	TRANSISTOR	1	
Q709	2SB1218A	TRANSISTOR	1	
Q710	2SB956-R	TRANSISTOR	1	
			Ť	
QR1	UN5213	TRANSISTOR-RESISTOR	1	
QR702	UN5213	TIRANSISTOR-RESISTOR	- 7	
QR702	UN5213	TRANSISTOR-RESISTOR	1	
QR702	UN5213	TRANSISTOR-RESISTOR	- 1	
QR702	UN5213	TRANSISTOR-RESISTOR		

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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R102	ERJ3RED750	M.RESISTOR CH 1/16W 75	1	
R103,04	ERJ3RBD751	M.RESISTOR CH 1/16W 750	2	
R105,06	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	2	
R107	ERJ3RED394	M.RESISTOR CH 1/16W 390K	1	
R108 R109	ERJ3RBD331 ERJ3GEY0R00	M.RESISTOR CH 1/16W 330 M.RESISTOR CH 1/16W 0	1	
R111	ERJ3RBD162	M.RESISTOR CH 1/16W 0	1	
R112	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R113	ERJ3RBD331	M.RESISTOR CH 1/16W 330	1	
R114	ERJ3RBD303	M.RESISTOR CH 1/16W 30K	1	
R115	ERJ3RBD911	M.RESISTOR CH 1/16W 910	1	
R116	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R117	ERJ3RED394	M.RESISTOR CH 1/16W 390K	1	
R118,19	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	2	
R120	ERJ3RBD331	M.RESISTOR CH 1/16W 330	1	
R121	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R122	ERJ3RBD104	M.RESISTOR CH 1/16W 100K	1	
R125	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	
R126	ERJ3RED100	M.RESISTOR CH 1/16W 10	1	
R127	ERJ3RBD203	M.RESISTOR CH 1/16W 20K	1	
R128	ERJ3RBD202	M.RESISTOR CH 1/16W 2K	1	
R130	ERJ3RED100	M.RESISTOR CH 1/16W 10	1	
R131	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R132	ERJ3RBD911	M.RESISTOR CH 1/16W 910	. 1	
R133	ERJ3RBD104	M.RESISTOR CH 1/16W 100K	1	
R134	ERJ3RED680	M.RESISTOR CH 1/16W 68	1	
R135	ERJ3RBD202	M.RESISTOR CH 1/16W 2K	1	
R136-38	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	3	
R139	ERJ3RBD911	M.RESISTOR CH 1/16W 910	1	
R140	ERJ3RBD104	M.RESISTOR CH 1/16W 100K	1	
R141	ERJ3RED750	M.RESISTOR CH 1/16W 75	1	
R142,43	ERJ3RBD511	M.RESISTOR CH 1/16W 510	2	
R144	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R145	ERJ3RBD911	M.RESISTOR CH 1/16W 910	1	
R146	ERJ3RED394	M.RESISTOR CH 1/16W 390K	1	
R147	ERJ3RED750	M.RESISTOR CH 1/16W 75	1	
R148,49	ERJ3RBD911	M.RESISTOR CH 1/16W 910	2	
R150,51	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	2	
R152	ERJ3RED394	M.RESISTOR CH 1/16W 390K	1	
R153	ERJ3RBD331	M.RESISTOR CH 1/16W 330	1	
R155	ERJ3RBD162	M.RESISTOR CH 1/16W 1.6K	1	
R156	ERJ3RBD331	M.RESISTOR CH 1/16W 330	1	
R157	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R158	ERJ3RBD911	M.RESISTOR CH 1/16W 910	1	
R159 R160,61	ERJ3RBD104 ERJ3RBD102	M.RESISTOR CH 1/16W 100K M.RESISTOR CH 1/16W 1K	2	
	ERJ3RBD102	M.RESISTOR CH 1/16W 1R	1	
R162 R165				
R166	ERJ3GEY0R00 ERJ3RBD911	M.RESISTOR CH 1/16W 0 M.RESISTOR CH 1/16W 910	1	
R167	ERJ3RBD102	M.RESISTOR CH 1/16W 910	1	
R168	ERJ3RED394	M.RESISTOR CH 1/16W 1R	1	
R169,70	ERJ3RBD202	M.RESISTOR CH 1/16W 390K	2	
R172	ERJ3GEY0R00	M.RESISTOR CH 1/16W 2K	1	
R174	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R176	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R178	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R185	ERJ3RBD104	M.RESISTOR CH 1/16W 100K	1	
R186	ERJ3RBD133	M.RESISTOR CH 1/16W 13K	1	
R501	ERJ3RED750	M.RESISTOR CH 1/16W 75	1	
R503,04	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R505,06	ERJ3RBD511	M.RESISTOR CH 1/16W 510	2	
R507	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R508	ERJ3RBD104	M.RESISTOR CH 1/16W 100K	1	
R509	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R510	ERJ3GEYJ824	M.RESISTOR CH 1/16W 820K	1	
R512	ERJ3RED334	M.RESISTOR CH 1/16W 330K	1	
R518	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R519	ERJ3RBD332	M.RESISTOR CH 1/16W 3.3K	1	
R521	ERJ3RBD182	M.RESISTOR CH 1/16W 1.8K	1	
R522	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R523	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R524	ERJ3RBD133	M.RESISTOR CH 1/16W 13K	1	
R525	ERJ3RED220	M.RESISTOR CH 1/16W 22	1	
R526	ERJ3RBD152	M.RESISTOR CH 1/16W 1.5K	1	
R527,28	ERJ3RED100	M.RESISTOR CH 1/16W 10	2	
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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R529	ERJ3RBD223	M.RESISTOR CH 1/16W 22K	1	
R530	ERJ3RBD222	M.RESISTOR CH 1/16W 2.2K	1	
R531	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R532	ERJ3RBD223	M.RESISTOR CH 1/16W 22K	1	
R533	ERJ3RBD153	M.RESISTOR CH 1/16W 15K	1	
R534	ERJ3RBD223	M.RESISTOR CH 1/16W 22K	1	
R535	ERJ3RED334	M.RESISTOR CH 1/16W 330K	1	
R536,37	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	2	
R538	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	
R539	ERJ3RBD472	M.RESISTOR CH 1/16W 4.7K	1	
R540	ERJ3RED220	M.RESISTOR CH 1/16W 22	1	
R541	ERJ3RBD152	M.RESISTOR CH 1/16W 1.5K	1	
R542	ERJ3RED220	M.RESISTOR CH 1/16W 22	1	
R545	ERJ3RED220	M.RESISTOR CH 1/16W 22	1	
R547	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R548,49	ERJ3RBD273	M.RESISTOR CH 1/16W 27K	2	
R551	ERJ3RBD823	M.RESISTOR CH 1/16W 82K	1	
R553	ERJ3RBD183	M.RESISTOR CH 1/16W 18K	1	
R554,55	ERJ3RED100	M.RESISTOR CH 1/16W 10	2	
R556	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	
R557	ERJ3RED105	M.RESISTOR CH 1/16W 1M	1	
R558	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R560	ERJ3GEYJ333	M.RESISTOR CH 1/16W 33K	1	
R701	ERJ3RBD272	M.RESISTOR CH 1/16W 33K	1	
	ERJ3RBD562			
R702 R703		M.RESISTOR CH 1/16W 5.6K M.RESISTOR CH 1/16W 2K	1	
	ERJ3RBD202			
R704	ERJ3RBD272	M.RESISTOR CH 1/16W 2.7K	1	
R705	ERJ3RBD153	M.RESISTOR CH 1/16W 15K	1	
R706	ERJ3RED100	M.RESISTOR CH 1/16W 10	1	
R707	ERJ3RBD123	M.RESISTOR CH 1/16W 12K	1	
R708,09	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	2	
R710	ERJ3RBD153	M.RESISTOR CH 1/16W 15K	1	
R711,12	ERJ3RBD331	M.RESISTOR CH 1/16W 330	2	
R720	ERJ3RBD473	M.RESISTOR CH 1/16W 47K	1	
R723	ERJ3RBD332	M.RESISTOR CH 1/16W 3.3K	1	
R724,25	ERJ3RBD104	M.RESISTOR CH 1/16W 100K	2	
R726,27	ERJ3RBD473	M.RESISTOR CH 1/16W 47K	2	
R728	ERJ3RBD152	M.RESISTOR CH 1/16W 1.5K	1	
R734	ERJ3RBD473	M.RESISTOR CH 1/16W 47K	1	
TG701	EYF6CU	TEST POINT	1	
			H	
TP12-17	EYF6CU	TEST POINT	6	
TP501-05	EYF6CU	TEST POINT	5	
11 301-03	111000	TEST FOINT	-	
VR8-12	VRV0303B201	V.RESISTOR 200	5	
VK0-12	VK V0303B201	V.RESISTOR 200		
		MODELLANEOUS		
		MISCELLANEOUS	<u> </u>	
	VODO: OFY	CODEM	<u> </u>	
	XSB2+6FX	SCREW	3	
	XNG2E	NUT	1	
	VGQ4618	NUMBER PLATE (3)	1	
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■ E9	VEP80B10A	VTR MOTHER P.C.BOARD	1	(RTL)
C9808,09	ECUX1A105KBN	C.CAPACITOR CH 10V 1U	2	
C9916-18	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
			1	
D9801	MA142WK	DIODE	1	
D9901,02	MA142K	DIODE	2	
D9903,04	MA738	DIODE	2	
			T-	
IC9903	TC7W04FU	IC	1	
0000		-	 '	
		CONNECTOR (FEMALE)	1	K1KAG0A00006
P9801	VJS4064N160F		1 '	
P9801 P9803	VJS4064N160E VJS3801B040		1	
P9803	VJS3801B040	CONNECTOR (FEMALE)	1	
P9803 P9805	VJS3801B040 VJS3801B040	CONNECTOR (FEMALE) CONNECTOR (FEMALE)	1	
P9803 P9805 P9806	VJS3801B040 VJS3801B040 VJP4395D010	CONNECTOR (FEMALE) CONNECTOR (FEMALE) CONNECTOR (MALE)	1	
P9803 P9805 P9806 P9807	VJS3801B040 VJS3801B040 VJP4395D010 VJP4395D008	CONNECTOR (FEMALE) CONNECTOR (FEMALE) CONNECTOR (MALE) CONNECTOR (MALE)	1 1	KAKDADADOO C
P9803 P9805 P9806	VJS3801B040 VJS3801B040 VJP4395D010	CONNECTOR (FEMALE) CONNECTOR (FEMALE) CONNECTOR (MALE)	1 1	K1KB70A00004
P9803 P9805 P9806 P9807	VJS3801B040 VJS3801B040 VJP4395D010 VJP4395D008	CONNECTOR (FEMALE) CONNECTOR (FEMALE) CONNECTOR (MALE) CONNECTOR (MALE)	1 1	K1KB70A00004

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
P9809	VJP3358C022	CONNECTOR (MALE)		K1KA22A00027
P9810	VJP3125B008	CONNECTOR (MALE)	1	
P9811	VJS3791B020	CONNECTOR (FEMALE)	1	
P9812	VJS3801B050	CONNECTOR (FEMALE)	1	
P9813	VJP4395D002	CONNECTOR (MALE)	1	
P9814	VJS2907D020	CONNECTOR (FEMALE)	1	
P9815	VJP3952B070	CONNECTOR (MALE)	1	
P9816	VJP4395D007	CONNECTOR (MALE)	1	
P9817	VJP4395D003	CONNECTOR (MALE)	1	
P9818	VJP3518D005	CONNECTOR (MALE)	1	
P9819	VJS2907D015	CONNECTOR (FEMALE)	1	K1MN15B00011
P9820	VJP4329A034	CONNECTOR (MALE)	1	
P9822	VJP4395D012	CONNECTOR (MALE)	1	
P9823			1	
	VJP4395D015	CONNECTOR (MALE)		
P9824	VJS2907B008	CONNECTOR (FEMALE)	1	
P9825	VJP4395D004	CONNECTOR (MALE)	1	
P9901	VJP4395D003	CONNECTOR (MALE)	1	
Q9801	2SD1820A-R	TRANSISTOR	1	
Q9905,06	2SB1073-R	TRANSISTOR	2	
QR9801	UN5114	TRANSISTOR-RESISTOR	1	
QR9802	UN5214	TRANSISTOR-RESISTOR	1	
QR9901-04	UN5211	TRANSISTOR-RESISTOR	4	
2.13301 04			⊢Ť	
B0004 00	ED ISOEVODOO	M DECISTOR CLIA (40)*4	-	
R9801-09	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	9	
R9810,11	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	2	In II 10 000000 :-
R9812,13	VLF1315A102	FILTER	2	J0JHC0000015
R9814	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R9815	ERJ3GEYJ270	M.RESISTOR CH 1/16W 27	1	
R9816	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R9817	ERJ3GEYJ270	M.RESISTOR CH 1/16W 27	1	
R9819	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R9821	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R9913,14	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	2	
R9915	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	
R9917	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R9918	ERJ6GEYG271	M.RESISTOR CH 1/10W 270	1	
R9919	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	
R9921	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R9922	ERJ6GEYG271	M.RESISTOR CH 1/10W 270	1	
		M.RESISTOR CH 1/16W 276	2	
R9923,24	ERJ3GEYJ473			
R9925	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R9927	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R9929	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R9936	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
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TG9801,02	EYF6CU	TEST POINT	2	
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TP9801-15	EYF6CU	TEST POINT	15	
		MISCELLANEOUS		
	VMP6381	P.C.BOARD HOLDER ANGLE	1	
	XYN26+F6FX	SCREW	1	
	VMX3059	SPACER	1	
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■ E10	VEP86303D	VTR SYSCON P.C.BOARD	1	(RTL)
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00400.04	ECHYALIAFO IO''	C CARACITOR CLUSOV 450	_	
C6100,01		C.CAPACITOR CH 50V 15P	2	
C6102		C.CAPACITOR CH 16V 0.1U	1	
C6103	ECUX1H221JCV	C.CAPACITOR CH 50V 220P	1	=
C6104	VCK0152	C.CAPACITOR		F1L1C1060016
C6105	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C6106	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
C6107-09	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	3	
C6110-16	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	7	
C6117	VCK0152	C.CAPACITOR	1	F1L1C1060016
C6118	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C6119	VCK0152	C.CAPACITOR	1	F1L1C1060016
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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C6120	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C6121-30	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	10	
C6131	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	E41.40400040
C6133	VCK0152	C.CAPACITOR	1	F1L1C1060016
C6134	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C6135,36	ECUX1H122KBV	C.CAPACITOR CH 50V 1200P	2	
C6200-03	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	4	
C6300-08	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	9	
C6400	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C6401-04	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	4	
C6405	ECUX1H470JCV	C.CAPACITOR CH 50V 47P	1	
C6500-03	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	4	
C6504-10	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	7	
C6600,01	VCK0152	C.CAPACITOR	2	F1L1C1060016
C6602	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C6603	VCK0152	C.CAPACITOR	1	F1L1C1060016
C6604	ECST1CX106Z	T.CAPACITOR CH 16V 10U	1	
C6605	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C6606	ECUM1H561JCN	C.CAPACITOR CH 50V 560P	1	
C6607	ECUM1H821JCN	C.CAPACITOR CH 50V 820P	1	
			1	
C6608	ECUM1H120JCN		<u> </u>	E11.101060040
C6609	VCK0152	C.CAPACITOR	+	F1L1C1060016
C6610,11	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	2	
C6612	VCK0152	C.CAPACITOR	+	F1L1C1060016
C6701	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C6704	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C6707-12	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	6	
C6713-15	F1L0J2260002	C.CAPACITOR CH6.3V 22U	3	
C6716	F1K0J1060002	C.CAPACITOR CH6.3V 10U	1	
C6800,01	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
D6100,01	MA3J14300L	DIODE	2	
D6103-05	MA3J14300L	DIODE	3	
D6106,07	MA151K	DIODE	2	
			+	
D6600,01	MA157	DIODE	2	
			<u> </u>	
IC6101	C0EBE0000075	IC	1	
IC6102	NJM2904M	IC	1	
IC6104	TC7W125FU	IC	1	
IC6105	C0EBJ0000049	IC	1	
IC6106	TC7SH04FU	IC	1	
IC6301,02	TLCX245FT	IC	2	
IC6303	TLCX32FT	IC	1	
IC6304	TLCX08F	IC	1	
IC6305	TLCX74FT	IC	1	
IC6306	TLCX00FT	IC	1	
IC6307,08	TLCX74FT	IC	2	
IC6309	TLCX32FT	IC	1	
	C1AB00000936	IC	1	
IC6400				
IC6401	AK6440AF	IC	1	
IC6500	C1AB00000936	IC	1	
IC6600	TA75W558FU	IC	+	C0ABBA000042
IC6601	UPC393G2	IC	1	
IC6602	NJM2068MD	IC	1	C0ABBB000031
IC6800,01	LTC1480CS8	IC	2	C0ZBZ0000299
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ID6100	VVVSI3689	SOFTWARE	1	
			1	
IP6100	M32160F4UFP	IC	1	
			 	
L6701-04	VLP0147	COIL	4	
20.0107			+	
D6100	V/182704 B000	CONNECTOR (FEMALE)	+	
P6100	VJS3791B020	CONNECTOR (FEMALE)	1	KAKBCO A DOCAC
P6700	VJS3806E120	CONNECTOR (FEMALE)		K1KBC0A00019
P6701	VJP4395D004	CONNECTOR (MALE)	1	
P6800,01	VJS3801B040	CONNECTOR (FEMALE)	2	
			L	
QR6500	UN5213	TRANSISTOR-RESISTOR	1	
QR6501	UN5215	TRANSISTOR-RESISTOR	1	
QR6502-05	UN5115	TRANSISTOR-RESISTOR	4	
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R6100	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	1	
R6101,02	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R6103	ERJ3GEYJ562	M.RESISTOR CH 1/16W 5.6K	1	
R6104	EXB24V473J	COMBI.R-R 47K	1	
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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R6105	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R6106	ERJ3GEYJ333	M.RESISTOR CH 1/16W 33K	1	
R6108	ERJ6RBD473	M.RESISTOR CH 1/10W 47K	1	
R6109	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R6110	ERJ6RBD473	M.RESISTOR CH 1/10W 47K	1	
R6111	ERJ3GEYJ333	M.RESISTOR CH 1/16W 33K	1	
R6112	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R6113	ERJ6RBD273	M.RESISTOR CH 1/10W 27K	1	
			+	
R6114,15	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	2	
R6116	ERJ6RBD273	M.RESISTOR CH 1/10W 27K	1	
R6117-20	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	4	
R6122-26	EXB24V103J	COMBI.R-R 10K	5	
R6129	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R6131,32	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	2	
R6134,35	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	2	
R6136,37	EXB24V103J	COMBI.R-R 10K	2	
R6140,41	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R6142	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R6143	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R6144,45	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	
			2	
R6146,47	ERJ3GEYG102			
R6148	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R6149	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R6150	ERJ3GEYJ562	M.RESISTOR CH 1/16W 5.6K	1	
R6151	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R6152	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R6153-59	EXB24V103J	COMBI.R-R 10K	7	
R6160	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R6162-67	EXB24V103J	COMBI.R-R 10K	6	
R6169	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R6170,71	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R6173	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
			+	
R6300	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R6302-18	EXB24V473J	COMBI.R-R 47K	17	
R6319	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R6321-23	EXB24V473J	COMBI.R-R 47K	3	
R6330	EXB24V473J	COMBI.R-R 47K	1	
R6400	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R6401,02	EXB24V473J	COMBI.R-R 47K	2	
R6403	ERJ3GEYJ330	M.RESISTOR CH 1/16W 33	1	
R6405	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R6407	EXB24V473J	COMBI.R-R 47K	1	
R6408	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R6409	EXB24V103J	COMBI.R-R 10K	1	
R6410	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R6411	ERJ3GEYJ103		1	
R6412	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	. 1	
R6413	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R6414,15	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	2	
R6416	EXB24V473J	COMBI.R-R 47K	1	
R6417	EXB24V103J	COMBI.R-R 10K	1	
R6418	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R6500,01	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	2	
R6502,03	EXB24V473J	COMBI.R-R 47K	2	
R6504	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R6505	EXB24V473J	COMBI.R-R 47K	1	
R6506	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R6507	EXB24V473J	COMBI.R-R 47K	1	
R6508	EXB24V103J	COMBI.R-R 10K	1	
R6509	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R6510	ERJ3GEYJ683	M.RESISTOR CH 1/16W 68K	1	
R6511	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R6512-16	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	5	
R6517	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R6518-24	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	7	
R6525-31	ERJ3GEYJ683	M.RESISTOR CH 1/16W 68K	7	
R6532-35	ERJ6GEYG121	M.RESISTOR CH 1/10W 120	4	
R6537	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R6600	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R6601	ERJ3GEYJ473	M.RESISTOR CH 1/16W 10K	1	
R6602	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R6603	ERJ3GEYG471	M.RESISTOR CH 1/16W 470	1	
R6604	ERJ3GEYJ221	M.RESISTOR CH 1/16W 220	1	
R6605	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R6606	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
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			1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R6607,08	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	IVEIIIdINS
R6609	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R6610	ERJ3GEYJ824	M.RESISTOR CH 1/16W 820K	1	
R6611	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R6612,13	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	2	
R6614	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R6615,16	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	2	
R6617	ERJ3GEYJ334	M.RESISTOR CH 1/16W 330K	1	
R6618	ERJ3RBD683	M.RESISTOR CH 1/16W 68K	1	
R6619	ERJ3RBD333	M.RESISTOR CH 1/16W 33K	1	
R6620	ERJ3RBD123	M.RESISTOR CH 1/16W 12K	1	
R6621	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R6622	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R6623	ERJ3RBD332	M.RESISTOR CH 1/16W 3.3K	1	
R6624	ERJ3RBD182	M.RESISTOR CH 1/16W 1.8K	1	
R6625	ERJ3RBD562	M.RESISTOR CH 1/16W 5.6K	1	
R6626	ERJ3RED470	M.RESISTOR CH 1/16W 47	1	
R6627	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R6701,02	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R6705	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R6800	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R6802,03	ERJ3GEYJ683	M.RESISTOR CH 1/16W 68K	2	
R6805	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R6806,07	ERJ3GEYJ683	M.RESISTOR CH 1/16W 68K	2	
R6808-11	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	4	
R6812	ERJ8GEYJ101	M.RESISTOR CH 1/8W 100	1	
			<u> </u>	
RA6500-06	EXB24V473J	COMBI.R-R 47K	7	
				**
SW6500,01	VSS0367-04B	SWITCH	2	
TG6701	EYF6CU	TEST POINT	1	
TP6100	EYF6CU	TEST POINT	1	
TP6700-03	EYF6CU	TEST POINT	4	
TP6800,01	EYF6CU	TEST POINT	2	
X6100	VSX0641	CRYSTAL OSCILLATOR	1	
■ E11	VEP80B38A	SERVO FLEX P.C.BOARD	1	(RTL)
P1	VJS3806E070	CONNECTOR (FEMALE)	1	K1KB70A00004
P2	VJP3808E070	CONNECTOR (MALE)	1	K1KA70A00007
■ E12	VEP82224C	SERVO P.C.BOARD		(RTL)
■ E12	VEP82224C	SERVO P.C.BOARD		(RTL)
■ E12	VEP82224C	SERVO P.C.BOARD		(RTL)
			1	(RTL)
C100	ECUM1C334KBN	C.CAPACITOR CH 16V 0.33U	1	(RTL)
C100 C101	ECUM1C334KBN ECUX1H103KBV	C.CAPACITOR CH 16V 0.33U C.CAPACITOR CH 50V 0.01U	1 1 1	(RTL)
C100 C101 C102,03	ECUM1C334KBN ECUX1H103KBV ECUX1H150JCV	C.CAPACITOR CH 16V 0.33U C.CAPACITOR CH 50V 0.01U C.CAPACITOR CH 50V 15P	1 1 1 2	(RTL)
C100 C101 C102,03 C104	ECUM1C334KBN ECUX1H103KBV ECUX1H150JCV ECUX1H103KBV	C.CAPACITOR CH 16V 0.33U C.CAPACITOR CH 50V 0.01U C.CAPACITOR CH 50V 15P C.CAPACITOR CH 50V 0.01U	1 1 1 2 1 1	(RTL)
C100 C101 C102,03 C104 C105	ECUM1C334KBN ECUX1H103KBV ECUX1H150JCV ECUX1H103KBV ECUX1C104KBV	C.CAPACITOR CH 16V 0.33U C.CAPACITOR CH 50V 0.01U C.CAPACITOR CH 50V 15P C.CAPACITOR CH 50V 0.01U C.CAPACITOR CH 16V 0.1U	1 1 2 1 1	(RTL)
C100 C101 C102,03 C104 C105 C106,07	ECUM1C334KBN ECUX1H103KBV ECUX1H150JCV ECUX1H103KBV ECUX1C104KBV F1K0J1060002	C.CAPACITOR CH 16V 0.33U C.CAPACITOR CH 50V 0.01U C.CAPACITOR CH 50V 15P C.CAPACITOR CH 50V 0.01U C.CAPACITOR CH 16V 0.1U C.CAPACITOR CH 6.3V 10U	1 1 1 2 1 1 1 2 2	(RTL)
C100 C101 C102,03 C104 C105 C106,07 C108	ECUM1C334KBN ECUX1H103KBV ECUX1H150JCV ECUX1H103KBV ECUX1C104KBV F1K0J1060002 ECUX1C104KBV	C.CAPACITOR CH 16V 0.33U C.CAPACITOR CH 50V 0.01U C.CAPACITOR CH 50V 15P C.CAPACITOR CH 50V 0.01U C.CAPACITOR CH 16V 0.1U C.CAPACITOR CH 6.3V 10U C.CAPACITOR CH 16V 0.1U C.CAPACITOR CH 16V 0.1U	1 1 1 2 2 1 1	(RTL)
C100 C101 C102,03 C104 C105 C106,07 C108 C110	ECUM1C334KBN ECUX1H103KBV ECUX1H150JCV ECUX1H103KBV ECUX1C104KBV F1K0J1060002 ECUX1C104KBV ECUX1C104KBV	C.CAPACITOR CH 16V 0.33U C.CAPACITOR CH 50V 0.01U C.CAPACITOR CH 50V 15P C.CAPACITOR CH 50V 0.01U C.CAPACITOR CH 16V 0.1U C.CAPACITOR CH 6.3V 10U C.CAPACITOR CH 16V 0.1U C.CAPACITOR CH 16V 0.1U C.CAPACITOR CH 16V 0.1U C.CAPACITOR CH 16V 0.1U	1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	(RTL)
C100 C101 C102,03 C104 C105 C106,07 C108 C110	ECUM1C334KBN ECUX1H103KBV ECUX1H150JCV ECUX1H150JCV ECUX1C104KBV F1K0J1060002 ECUX1C104KBV ECUX1C104KBV ECUX1C104KBV	C.CAPACITOR CH 16V 0.33U C.CAPACITOR CH 50V 0.01U C.CAPACITOR CH 50V 0.01U C.CAPACITOR CH 50V 0.01U C.CAPACITOR CH 16V 0.1U C.CAPACITOR CH 16V 0.1U C.CAPACITOR CH 16V 0.1U C.CAPACITOR CH 16V 0.1U C.CAPACITOR CH 16V 0.1U C.CAPACITOR CH 16V 0.1U C.CAPACITOR CH 16V 0.1U C.CAPACITOR CH 50V 0.01U	1 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	(RTL)
C100 C101 C102,03 C104 C105 C106,07 C108 C110 C111	ECUM1C334KBN ECUX1H103KBV ECUX1H150JCV ECUX1H150JCV ECUX1H103KBV ECUX1C104KBV F1K0J1060002 ECUX1C104KBV ECUX1C104KBV ECUX1C104KBV F1K0J1060002	C.CAPACITOR CH 16V 0.33U C.CAPACITOR CH 56V 0.01U C.CAPACITOR CH 50V 15P C.CAPACITOR CH 50V 0.01U C.CAPACITOR CH 16V 0.1U C.CAPACITOR CH 16V 0.1U C.CAPACITOR CH 16V 0.1U C.CAPACITOR CH 16V 0.1U C.CAPACITOR CH 16V 0.1U C.CAPACITOR CH 16V 0.1U C.CAPACITOR CH 50V 0.01U C.CAPACITOR CH 50V 0.01U C.CAPACITOR CH 6.3V 10U	1 1 1 1 2 1 1 1 1 1 1 1 1	(RTL)
C100 C101 C102,03 C104 C105 C106,07 C108 C110 C111 C112 C113	ECUM1C334KBN ECUX1H103KBV ECUX1H150JCV ECUX1H103KBV ECUX1C104KBV F1K0J1060002 ECUX1C104KBV ECUX1C104KBV ECUX1H103KBV F1K0J1060002 ECUX1H103KBV	C.CAPACITOR CH 16V 0.33U C.CAPACITOR CH 50V 0.01U C.CAPACITOR CH 50V 15P C.CAPACITOR CH 50V 0.01U C.CAPACITOR CH 60V 0.1U C.CAPACITOR CH 60V 0.1U C.CAPACITOR CH 16V 0.1U C.CAPACITOR CH 16V 0.1U C.CAPACITOR CH 16V 0.1U C.CAPACITOR CH 16V 0.1U C.CAPACITOR CH 50V 0.01U C.CAPACITOR CH 50V 0.01U C.CAPACITOR CH 6.3V 10U C.CAPACITOR CH 50V 0.01U	1 1 1 2 1 1 1 1 1 1 1 1 1 1 1	(RTL)
C100 C101 C102,03 C104 C105 C106,07 C108 C110 C111 C112 C113 C114	ECUM1C334KBN ECUX1H103KBV ECUX1H103KBV ECUX1C104KBV ECUX1C104KBV ECUX1C104KBV ECUX1C104KBV ECUX1C104KBV ECUX1H103KBV F1K0J1060002 ECUX1H103KBV F1L0J2260002	C.CAPACITOR CH 16V 0.33U C.CAPACITOR CH 50V 0.01U C.CAPACITOR CH 50V 15P C.CAPACITOR CH 50V 0.01U C.CAPACITOR CH 6V 0.1U C.CAPACITOR CH 6V 0.1U C.CAPACITOR CH 6V 0.1U C.CAPACITOR CH 16V 0.1U C.CAPACITOR CH 16V 0.1U C.CAPACITOR CH 16V 0.1U C.CAPACITOR CH 6V 0.1U C.CAPACITOR CH 50V 0.01U C.CAPACITOR CH 6.3V 10U C.CAPACITOR CH 6.3V 10U C.CAPACITOR CH 50V 0.01U C.CAPACITOR CH 6.3V 22U	1 1 1 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	(RTL)
C100 C101 C102,03 C104 C105 C106,07 C108 C110 C111 C112 C113 C114 C117,18	ECUM1C334KBN ECUX1H103KBV ECUX1H103KBV ECUX1H103KBV ECUX1C104KBV ECUX1C104KBV ECUX1C104KBV ECUX1C104KBV ECUX1H103KBV F1K0J1060002 ECUX1H103KBV F1L0J260002 F1J0J3350002	C.CAPACITOR CH 16V 0.33U C.CAPACITOR CH 50V 0.01U C.CAPACITOR CH 50V 15P C.CAPACITOR CH 50V 0.01U C.CAPACITOR CH 60V 0.01U C.CAPACITOR CH 60V 0.1U C.CAPACITOR CH 16V 0.1U C.CAPACITOR CH 16V 0.1U C.CAPACITOR CH 16V 0.1U C.CAPACITOR CH 6.3V 10U C.CAPACITOR CH 6.3V 10U C.CAPACITOR CH 6.3V 10U C.CAPACITOR CH 6.3V 10U C.CAPACITOR CH 6.3V 22U C.CAPACITOR CH 6.3V 3.3U	1 1 1 2 1 1 1 1 1 1 1 1 1 2	(RTL)
C100 C101 C102,03 C104 C105 C106,07 C108 C111 C112 C113 C114 C117,18 C124	ECUM1C334KBN ECUX1H103KBV ECUX1H103KBV ECUX1H103KBV ECUX1C104KBV F1K0J1060002 ECUX1C104KBV F1K0J1060002 ECUX1H103KBV F1K0J1060002 ECUX1H103KBV F1L0J2260002 F1J0J3350002 ECUX1C104KBV	C.CAPACITOR CH 16V 0.33U C.CAPACITOR CH 50V 0.01U C.CAPACITOR CH 50V 0.01U C.CAPACITOR CH 50V 0.01U C.CAPACITOR CH 60V 0.1U C.CAPACITOR CH 60V 0.1U C.CAPACITOR CH 16V 0.1U C.CAPACITOR CH 16V 0.1U C.CAPACITOR CH 16V 0.1U C.CAPACITOR CH 60V 0.01U C.CAPACITOR CH 60V 0.01U C.CAPACITOR CH 60V 0.01U C.CAPACITOR CH 60V 0.01U C.CAPACITOR CH 60V 0.01U C.CAPACITOR CH 60V 0.01U C.CAPACITOR CH 60V 0.01U C.CAPACITOR CH 60V 0.01U C.CAPACITOR CH 60V 0.01U C.CAPACITOR CH 60V 0.1U C.CAPACITOR CH 60V 0.1U	1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	(RTL)
C100 C101 C102,03 C104 C105 C106,07 C108 C110 C111 C112 C113 C114 C117,18	ECUM1C334KBN ECUX1H103KBV ECUX1H103KBV ECUX1H103KBV ECUX1C104KBV ECUX1C104KBV ECUX1C104KBV ECUX1C104KBV ECUX1H103KBV F1K0J1060002 ECUX1H103KBV F1L0J260002 F1J0J3350002	C.CAPACITOR CH 16V 0.33U C.CAPACITOR CH 50V 0.01U C.CAPACITOR CH 50V 0.01U C.CAPACITOR CH 50V 0.01U C.CAPACITOR CH 60V 0.1U C.CAPACITOR CH 60V 0.1U C.CAPACITOR CH 16V 0.1U C.CAPACITOR CH 16V 0.1U C.CAPACITOR CH 16V 0.1U C.CAPACITOR CH 60V 0.01U C.CAPACITOR CH 60V 0.01U C.CAPACITOR CH 60V 0.01U C.CAPACITOR CH 60V 0.01U C.CAPACITOR CH 60V 0.01U C.CAPACITOR CH 60V 0.01U C.CAPACITOR CH 60V 0.01U C.CAPACITOR CH 60V 0.01U C.CAPACITOR CH 60V 0.01U C.CAPACITOR CH 60V 0.1U C.CAPACITOR CH 60V 0.1U	1 1 1 2 1 1 1 1 1 1 1 1 1 2	(RTL)
C100 C101 C102,03 C104 C105 C106,07 C108 C111 C112 C113 C114 C117,18 C124	ECUM1C334KBN ECUX1H103KBV ECUX1H103KBV ECUX1H103KBV ECUX1C104KBV F1K0J1060002 ECUX1C104KBV F1K0J1060002 ECUX1H103KBV F1K0J1060002 ECUX1H103KBV F1L0J2260002 F1J0J3350002 ECUX1C104KBV	C.CAPACITOR CH 16V 0.33U C.CAPACITOR CH 50V 0.01U C.CAPACITOR CH 50V 0.01U C.CAPACITOR CH 50V 0.01U C.CAPACITOR CH 60V 0.1U C.CAPACITOR CH 60V 0.1U C.CAPACITOR CH 16V 0.1U C.CAPACITOR CH 16V 0.1U C.CAPACITOR CH 16V 0.1U C.CAPACITOR CH 60V 0.01U C.CAPACITOR CH 60V 0.01U C.CAPACITOR CH 60V 0.01U C.CAPACITOR CH 60V 0.01U C.CAPACITOR CH 60V 0.01U C.CAPACITOR CH 60V 0.01U C.CAPACITOR CH 60V 0.01U C.CAPACITOR CH 60V 0.01U C.CAPACITOR CH 60V 0.01U C.CAPACITOR CH 60V 0.1U C.CAPACITOR CH 60V 0.1U	1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 6 6	(RTL)
C100 C101 C102,03 C104 C105 C106,07 C108 C110 C111 C112 C113 C114 C117,18 C124 C200-05	ECUM1C334KBN ECUX1H103KBV ECUX1H150JCV ECUX1H103KBV ECUX1C104KBV F1K0J1060002 ECUX1C104KBV ECUX1C104KBV ECUX1H103KBV F1K0J1060002 ECUX1H103KBV F1L0J2260002 F1J0J3350002 ECUX1C104KBV ECUX1C104KBV ECUX1C104KBV ECUX1H103KBN	C.CAPACITOR CH 16V 0.33U C.CAPACITOR CH 50V 0.01U C.CAPACITOR CH 50V 0.01U C.CAPACITOR CH 50V 0.01U C.CAPACITOR CH 60V 0.01U C.CAPACITOR CH 60V 0.1U C.CAPACITOR CH 60V 0.1U C.CAPACITOR CH 16V 0.1U C.CAPACITOR CH 16V 0.1U C.CAPACITOR CH 6.3V 10U C.CAPACITOR CH 6.3V 10U C.CAPACITOR CH 6.3V 10U C.CAPACITOR CH 6.3V 10U C.CAPACITOR CH 6.3V 10U C.CAPACITOR CH 6.3V 10U C.CAPACITOR CH 6.3V 10U C.CAPACITOR CH 6.3V 10U C.CAPACITOR CH 6.3V 10U C.CAPACITOR CH 6.3V 10U C.CAPACITOR CH 6.3V 10U C.CAPACITOR CH 6.3V 0.1U C.CAPACITOR CH 6.3V 0.1U C.CAPACITOR CH 50V 0.01U	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
C100 C101 C102,03 C104 C105 C106,07 C108 C110 C111 C112 C113 C114 C117,18 C124 C200-05 C206-08	ECUM1C334KBN ECUX1H103KBV ECUX1H150JCV ECUX1H150JCV ECUX1H103KBV F1K0J1060002 ECUX1C104KBV ECUX1C104KBV ECUX1C104KBV F1K0J1060002 ECUX1H103KBV F1L0J260002 F1J0J3350002 ECUX1C104KBV ECUM1H103KBV CEUM1H103KBV VCE0180	C.CAPACITOR CH 16V 0.33U C.CAPACITOR CH 50V 0.01U C.CAPACITOR CH 50V 0.01U C.CAPACITOR CH 50V 0.01U C.CAPACITOR CH 60V 0.01U C.CAPACITOR CH 16V 0.1U C.CAPACITOR CH 16V 0.1U C.CAPACITOR CH 16V 0.1U C.CAPACITOR CH 16V 0.01U C.CAPACITOR CH 16V 0.01U C.CAPACITOR CH 50V 0.01U C.CAPACITOR CH 50V 0.01U C.CAPACITOR CH 6.3V 22U C.CAPACITOR CH 6.3V 3.3U C.CAPACITOR CH 16V 0.1U C.CAPACITOR CH 16V 0.1U C.CAPACITOR CH 16V 0.1U C.CAPACITOR CH 16V 0.1U C.CAPACITOR CH 16V 0.1U C.CAPACITOR CH 16V 0.1U C.CAPACITOR CH 16V 0.01U C.CAPACITOR CH 16V 0.01U C.CAPACITOR CH 50V 0.01U E.CAPACITOR CH 50V 0.01U	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	F2G1E1010003
C100 C101 C102,03 C104 C105 C106,07 C108 C110 C111 C112 C113 C114 C117,18 C124 C200-05 C206-08 C210	ECUM1C334KBN ECUX1H103KBV ECUX1H150JCV ECUX1H150JCV ECUX1H103KBV F1K0J1060002 ECUX1C104KBV ECUX1C104KBV ECUX1C104KBV F1K0J1060002 ECUX1H103KBV F1L0J260002 F1J0J3350002 ECUX1C104KBV ECUM1H103KBV CEUM1H103KBV VCE0180	C.CAPACITOR CH 16V 0.33U C.CAPACITOR CH 50V 0.01U C.CAPACITOR CH 50V 0.01U C.CAPACITOR CH 50V 0.01U C.CAPACITOR CH 16V 0.1U C.CAPACITOR CH 16V 0.1U C.CAPACITOR CH 16V 0.1U C.CAPACITOR CH 16V 0.1U C.CAPACITOR CH 16V 0.1U C.CAPACITOR CH 50V 0.01U C.CAPACITOR CH 50V 0.01U C.CAPACITOR CH 50V 0.01U C.CAPACITOR CH 50V 0.01U C.CAPACITOR CH 50V 0.01U C.CAPACITOR CH 6.3V 3.3U C.CAPACITOR CH 16V 0.1U C.CAPACITOR CH 16V 0.1U C.CAPACITOR CH 16V 0.1U C.CAPACITOR CH 16V 0.1U C.CAPACITOR CH 50V 0.01U E.CAPACITOR CH 50V 0.01U E.CAPACITOR CH 50V 0.01U E.CAPACITOR CH 50V 0.01U	1 1 1 1 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1	F2G1E1010003
C100 C101 C102,03 C104 C105 C106,07 C108 C110 C111 C112 C113 C114 C117,18 C124 C200-05 C206-08 C210 C211	ECUM1C334KBN ECUX1H103KBV ECUX1H150JCV ECUX1H150JCV ECUX1H103KBV F1K0J1060002 ECUX1C104KBV ECUX1C104KBV ECUX1C104KBV F1K0J1060002 ECUX1H103KBV F1L0J2260002 F1J0J3350002 ECUX1C104KBV ECUM1H103KBN VCE0180 VCE0180 ECUX1E104KBN	C.CAPACITOR CH 16V 0.33U C.CAPACITOR CH 16V 0.33U C.CAPACITOR CH 50V 0.01U C.CAPACITOR CH 50V 0.01U C.CAPACITOR CH 50V 0.01U C.CAPACITOR CH 16V 0.1U C.CAPACITOR CH 16V 0.1U C.CAPACITOR CH 16V 0.1U C.CAPACITOR CH 16V 0.1U C.CAPACITOR CH 50V 0.01U C.CAPACITOR CH 50V 0.01U C.CAPACITOR CH 50V 0.01U C.CAPACITOR CH 50V 0.01U C.CAPACITOR CH 50V 0.01U C.CAPACITOR CH 50V 0.01U C.CAPACITOR CH 50V 0.01U C.CAPACITOR CH 50V 0.01U C.CAPACITOR CH 50V 0.01U C.CAPACITOR CH 50V 0.01U E.CAPACITOR CH 50V 0.01U E.CAPACITOR CH 50V 0.01U E.CAPACITOR C.CAPACITOR CH 50V 0.01U E.CAPACITOR C.CAPACITOR CH 50V 0.1U C.CAPACITOR C.CAPACITOR CH 50V 0.1U	1 1 1 1 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1	F2G1E1010003 F2G1E1010003
C100 C101 C102,03 C104 C105 C106,07 C108 C110 C111 C112 C113 C114 C117,18 C124 C200-05 C206-08 C210 C211	ECUM1C334KBN ECUX1H103KBV ECUX1H150JCV ECUX1H150JCV ECUX1H103KBV F1K0J1060002 ECUX1C104KBV ECUX1C104KBV ECUX1C104KBV F1K0J1060002 ECUX1H103KBV F1L0J2260002 F1J0J3350002 ECUX1C104KBV ECUM1H103KBN VCE0180 VCE0180 ECUX1E104KBN	C.CAPACITOR CH 16V 0.33U C.CAPACITOR CH 16V 0.33U C.CAPACITOR CH 50V 0.01U C.CAPACITOR CH 50V 0.01U C.CAPACITOR CH 50V 0.01U C.CAPACITOR CH 16V 0.1U C.CAPACITOR CH 16V 0.1U C.CAPACITOR CH 16V 0.1U C.CAPACITOR CH 16V 0.1U C.CAPACITOR CH 50V 0.01U C.CAPACITOR CH 50V 0.01U C.CAPACITOR CH 50V 0.01U C.CAPACITOR CH 50V 0.01U C.CAPACITOR CH 50V 0.01U C.CAPACITOR CH 50V 0.01U C.CAPACITOR CH 50V 0.01U C.CAPACITOR CH 50V 0.01U C.CAPACITOR CH 50V 0.01U C.CAPACITOR CH 50V 0.01U E.CAPACITOR CH 50V 0.01U E.CAPACITOR CH 50V 0.01U E.CAPACITOR C.CAPACITOR CH 50V 0.01U E.CAPACITOR C.CAPACITOR CH 50V 0.1U C.CAPACITOR C.CAPACITOR CH 50V 0.1U	1 1 1 1 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1	F2G1E1010003 F2G1E1010003

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C214	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C215,16	F1K0J1060002	C.CAPACITOR CH6.3V 10U	2	
C217,18	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	2	
C219	F1K0J1060002	C.CAPACITOR CH6.3V 10U	1	
C220	ECUX1H103KBV ECUX1C104KBV	C.CAPACITOR CH 50V 0.01U C.CAPACITOR CH 16V 0.1U	2	
C221,22 C223		C.CAPACITOR CH 16V 0.10	1	
C224,25	F1K0J1060002	C.CAPACITOR CH6.3V 10U	2	
C226,27	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	2	
C228	F1K0J1060002	C.CAPACITOR CH6.3V 10U	1	
C229-31	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	3	
C232	ECUM1C105KBM	C.CAPACITOR CH 16V 1U	1	
C233-38	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	6	
C242	F1J0J3350002	C.CAPACITOR CH6.3V 3.3U	1	
C243 C244,45	ECUX1H101JCV	C.CAPACITOR CH 50V 100P C.CAPACITOR CH 16V 1U	2	
C246,47	ECUX1H471JCV	C.CAPACITOR CH 50V 470P	2	
C248	ECUX1H332KBV	C.CAPACITOR CH 50V 3300P	1	
C249	ECUM1C105KBM	C.CAPACITOR CH 16V 1U	1	
C250	ECUX1H470JCV	C.CAPACITOR CH 50V 47P	1	
C251	ECUX1H332KBV	C.CAPACITOR CH 50V 3300P	1	
C252		C.CAPACITOR CH 16V 1U	1	
C253	ECUX1H470JCV	C.CAPACITOR CH 50V 47P	1	
C254-56	F1L0J2260002 ECUX1H332KBV	C.CAPACITOR CH6.3V 22U C.CAPACITOR CH 50V 3300P	2	
C257,58			2	
C259,60 C300-02	VCE0180	C.CAPACITOR CH 50V 0.01U E.CAPACITOR	↓	F2G1E1010003
C304	VCE0180	E.CAPACITOR		F2G1E1010003
C305	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C307	VCE0180	E.CAPACITOR	1	F2G1E1010003
C308	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C309	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
C310	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C311	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
C312	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C313 C314	VCC0037F432 ECUX1H103KBV	C.CAPACITOR 432P C.CAPACITOR CH 50V 0.01U	1	
C315	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
C316,17	F1K0J1060002	C.CAPACITOR CH6.3V 10U	2	
C318,19	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	2	
C320	F1K0J1060002	C.CAPACITOR CH6.3V 10U	1	
C321-23	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	3	
C324	ECUM1C105KBM	C.CAPACITOR CH 16V 1U	1	
C325		C.CAPACITOR CH 50V 0.01U	1	
C326		C.CAPACITOR CH 16V 0.47U	1	
C327-29 C330-32	F1K1C475A043 ECUX1E104KBN	C.CAPACITOR CH 16V 4.7U C.CAPACITOR CH 25V 0.1U	3	
C333	F1L0J2260002	C.CAPACITOR CH6.3V 22U	1	
C334,35	F1K0J1060002	C.CAPACITOR CH6.3V 10U	2	
C336,37	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	2	
C338	F1K0J1060002	C.CAPACITOR CH6.3V 10U	1	
C339	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C340,41	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	2	
C342		C.CAPACITOR CH 16V 1U	1	
C343		C.CAPACITOR CH 50V 0.01U	1	
C344 C345-47	F1K1C475A043	C.CAPACITOR CH 16V 0.47U C.CAPACITOR CH 16V 4.7U	3	
C348-50	ECUX1E104KBN	C.CAPACITOR CH 16V 4.70	3	
C351	F1L0J2260002	C.CAPACITOR CH6.3V 22U	1	
C354-59	ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	6	
C360-62	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	3	
C401-04	ECUM1C105KBM	C.CAPACITOR CH 16V 1U	4	
C407-10	ECUX1H102JV	C.CAPACITOR CH 50V 1000P	4	
C411-13	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	3	
C414,15 C416	ECUX1C104KBV ECUX1E104KBN	C.CAPACITOR CH 16V 0.1U C.CAPACITOR CH 25V 0.1U	1	
C416 C417,18	F1L1C1060020	C.CAPACITOR CH 25V 0.10	2	
C419	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
C420	F1J0J3350002	C.CAPACITOR CH6.3V 3.3U	1	
C422-25	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	4	
C432	F1L0J2260002	C.CAPACITOR CH6.3V 22U	1	
C433	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C434	F1J0J3350002	C.CAPACITOR CH6.3V 3.3U	1	
C435	F1L1C1060020	C.CAPACITOR CH 16V 10U	1	
C436	F1J0J3350002	C.CAPACITOR CH6.3V 3.3U	1	
			 	
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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C437	ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	1	
C439	ECA1HXLV100	E.CAPACITOR 50V 10U	1	
C500-03 C504-06	ECUX1C104KBV ECUX1H103KBV	C.CAPACITOR CH 16V 0.1U C.CAPACITOR CH 50V 0.01U	3	
C701	F1L1E4750006	C.CAPACITOR CH 25V 4.7U	1	
C702	F1L0J2260002	C.CAPACITOR CH6.3V 22U	1	
C703	F1L1E4750006	C.CAPACITOR CH 25V 4.7U	1	
C704	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C705	F1L1E4750006	C.CAPACITOR CH 25V 4.7U	1	
C706,07	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	2	
C708	ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	1	
C801	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C804-06	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	3	
C807,08	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	2	
C809 C811	F1L0J2260002 ECUX1H103KBV	C.CAPACITOR CH6.3V 22U C.CAPACITOR CH 50V 0.01U	1	
C812,13	ECA12HG472L	E.CAPACITOR CH 30V 0.010	2	
C820	EEVHB1C470	E.CAPACITOR 16V 47U	1	
C825	ECUX1H221JCV	C.CAPACITOR CH 50V 220P	1	
C842	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C900	ECUX1H100DCV	C.CAPACITOR CH 50V 10P	1	
C901	ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	1	
C903-08	F1K0J1060002	C.CAPACITOR CH6.3V 10U	6	
C909,10	F1L1C1060020	C.CAPACITOR CH 16V 10U	2	
C949	F1L0J2260002	C.CAPACITOR CH6.3V 22U	1	
C950,51	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	2	
C952-55 C956,57	F1L0J2260002	C.CAPACITOR CH6.3V 22U C.CAPACITOR CH 50V 0.01U	2	
C958,57	ECUX1H103KBV ECUX1H101JCV	C.CAPACITOR CH 50V 0.010	1	
C959,60	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	2	
C961,62	ECUX1H332KBV	C.CAPACITOR CH 50V 3300P	2	
C963	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C964	ECUX1H561JCV	C.CAPACITOR CH 50V 560P	1	
C967,68	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	2	
C969	ECUX1H222KBV	C.CAPACITOR CH 50V 2200P	1	
C970	ECUX1H102KBV	C.CAPACITOR CH 50V 1000P	1	F1H1H102A009
C972	F1J0J3350002	C.CAPACITOR CH6.3V 3.3U	1	
C979-82	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	4	
C983	F1L0J2260002	C.CAPACITOR CH6.3V 22U	1	
C984 C985	ECUX1H103KBV ECUX1C104KBV	C.CAPACITOR CH 50V 0.01U C.CAPACITOR CH 16V 0.1U	1	
C986-90	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	5	
D200,01	MA736	DIODE	2	
D202,03	MA3J14300L	DIODE	2	
D300,01	MA736	DIODE	2	
D302-05	MA142WK	DIODE	4	
D306-17	MA738	DIODE	12	
D401	MA736	DIODE	1	
D402-05	MA3J14300L	DIODE	4	
D406	MA736	DIODE	1	
D701 D702	MA3J14300L MA3056-L	DIODE	1	
D702	MA738	DIODE	1	
D703	MA3051-M	DIODE	1	MAZ30510ML
D705	MA142WK	DIODE	1	
D706-08	MA142WA	DIODE	3	
D800	MA8051-H	DIODE	1	MAZ80510HL
D801-09	MA142WK	DIODE	9	
D811,12	MA142WK	DIODE	2	
D813	NSQ03A04	DIODE		B0JCPE000013
D817-28	MA738	DIODE	12	Do lobrooc to
D829	NSQ03A04	DIODE		B0JCPE000013
D830 D831,32	MA8051-H NSQ03A04	DIODE		MAZ80510HL B0JCPE000013
D834	MA8030-H	DIODE	1	
D836	MA738	DIODE	1	
D950,51	MA147	DIODE	2	
D954,55	MA142K	DIODE	2	
D956	MA147	DIODE	1	
D958	MA147	DIODE	1	
IC101	TC7W126F	IC	1	
IC102	S80829ANUP	IC	1	
IC103,04	TC7SHU04FU	IC	2	
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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
IC105	XC62FP3302P	IC	1	
IC106	TC75W54FU	IC	1	
IC201	TA75W393FU	IC	1	
IC202,03	TB6519F	IC	2	C0GBY0000011
IC204,05	MDC05	IC	2	
IC206	TC75W54FU	IC	1	
IC207	TA75W393FU	IC	1	
IC208	TC75W54FU	IC	1	
IC209	TA75W393FU	IC	1	
IC212	TC7W126F	IC	1	
IC213	TVS1129	IC	1	C0JBAZ000525
IC301	TL1451CDB	IC	1	
IC302	TA75W393FU	IC	1	
IC303,04	TB6519F	IC	2	C0GBY0000011
IC305	TC7W126F	IC	1	
IC401,02	TA75W393FU	IC	2	
IC403	TC75W54FU	IC	1	
IC406,07	UPC4558G2	IC	2	C0ABBB000131
IC408-10	TC75W54FU	IC	3	
IC501	TVHC14FT	IC	1	
IC502,03	TVS1129	IC	2	C0JBAZ000525
IC701	TA75W393FU	IC	1	
IC702	BA6219BFP-Y	IC	1	
IC703	TA75W393FU	IC	1	
IC704	TC7SH08FU	IC	1	
IC801	TVHC123FT	IC	1	
IC802	NJM2904M	IC	1	
IC803	MC14538BF	IC	1	C0JBAM000009
IC805	TC7W04FU	IC	1	
IC807	NJM2904M	IC	1	
IC900	TVHT244FT	IC	1	
IC902	HAT1033T	TRANSISTOR	1	
IC903	HAT2042T	TRANSISTOR	1	
IC904,05	HAT1033T	TRANSISTOR	2	
IC950	TVHC14FT	IC	1	
IC951,52	NJM062V	IC	2	
IC953,54	0P177GS	IC	2	
IC955	NJM062V	IC	1	
IC956	TC4W53FU	IC	1	
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ID100	VVVSI3692	SOFTWARE	1	
			L.	
IP100	MN1030F04K	IC	1	
IP500	VVVSI3326	SOFTWARE	1	
IP500 02	X9144L7T100	IC	1	
	VID4004	TERMINA		
J1-J4	VJR1094	TERMINAL	4	
1004.00	\/\ \OO0501454	2011	_	0101511110010
L201,02 L301.02	VLQ0650M151	COIL 150UH		G1C151MA0016
	VLQ0650M151		-	G1C151MA0016
L701	ERJ8GEYJ391	M.RESISTOR CH 1/8W 390	1	
DEOO	V ID3125D000	CONNECTOR (MALE)	-	
P500	VJP3125B008	CONNECTOR (MALE)	1	K4K403B00000
P600	VJP3172D003	CONNECTOR (MALE)		K1KA03B00006
P601	VJP3172D002	CONNECTOR (MALE)		K1KA02B00051
P602	VJP3172D004	CONNECTOR (MALE)		K1KA04B00007
P603 P604	VJP3172D002	CONNECTOR (MALE)		K1KA02B00051
	VJP3172D003	CONNECTOR (MALE)	1	K1KA03B00006
P605	VJP3518B002	CONNECTOR (MALE)		K4K403B00000
P606	VJP3172D003	CONNECTOR (MALE)	1	K1KA03B00006
P607 P608	VJS3801B010 VJP3518B002	CONNECTOR (MALE)	1	
	VJP3518B002 VJP3172D002	CONNECTOR (MALE)		K1KA02B00051
P609 P610	VJP3172D002 VJP3518B003	CONNECTOR (MALE)	1	IVINAUZDUUU9 I
P610 P611	VJP3518B003 VJP3518B002	CONNECTOR (MALE)	1	
P611 P612		CONNECTOR (MALE)		K1KA04B00007
	VJP3172D004	CONNECTOR (MALE)	1	K1KA04B00007
P613	VJS3406B015	CONNECTOR (FEMALE)	<u>.</u>	K1MN17B00012
P614,15	VJS3813C017	CONNECTOR (FEMALE)	1	INTIVITY DUUUTZ
P616 P617	VJS3406B019	CONNECTOR (FEMALE) CONNECTOR (MALE) 5P	1	
P617 P618	VJP1232T VJP3125B002			K1KA02B00111
	VJP3125B002 VJP3808E070	CONNECTOR (MALE)		K1KA70A00007
P619		CONNECTOR (MALE)	1	IX IIXA7 UAUUUU1
P620	VJS3791B020	CONNECTOR (FEMALE)	<u></u> '	
0200	2SD1820A B	TPANISISTOP	1	
Q200	2SD1820A-R	TRANSISTOR	1	
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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
Q201	2SB1219A-R	TRANSISTOR	1	
Q202	2SD1820A-R	TRANSISTOR	1	
Q203	2SB1219A-R	TRANSISTOR	1	
Q204-07	2SD1819A-R	TRANSISTOR	4	
Q208	HAT1024R	TRANSISTOR	1	
Q300	2SD1820A-R	TRANSISTOR	1	
Q301	2SB1219A-R	TRANSISTOR	1	
Q302	2SD1820A-R	TRANSISTOR	1	
Q303	2SB1219A-R	TRANSISTOR	1	
Q304	2SB710A-R	TRANSISTOR	1	
Q305	2SB1073-R	TRANSISTOR	1	
Q306	2SD1119-R	TRANSISTOR	1	
Q307	2SB1073-R	TRANSISTOR	1	
Q308	2SD1119-R	TRANSISTOR	1	
Q309	2SB1073-R	TRANSISTOR	1	
Q310	2SD1119-R	TRANSISTOR	1	
Q311	2SB710A-R	TRANSISTOR	1	
Q312	2SB1073-R	TRANSISTOR	1	
Q313	2SD1119-R	TRANSISTOR	1	
Q314	2SB1073-R	TRANSISTOR	1	
Q315	2SD1119-R	TRANSISTOR	1	
Q316	2SB1073-R	TRANSISTOR	1	
Q317	2SD1119-R	TRANSISTOR	1	
Q318	HAT1024R	TRANSISTOR	1	
Q401	2SB1219A-R	TRANSISTOR	1	
Q700,01	2SD1819A-R	TRANSISTOR	2	
Q702	2SB1073-R	TRANSISTOR	1	
Q703	2SD1624-S	TRANSISTOR	1	
Q811	2SB936A-Q	TRANSISTOR	1	
Q812	2SD1819A-R	TRANSISTOR	1	
Q815	2SD1819A-R	TRANSISTOR	1	
Q816,17	2SB1073-R	TRANSISTOR	2	
Q818	2SB936A-Q	TRANSISTOR	1	
Q819	2SD1819A-R	TRANSISTOR	1	
Q820	2SB1219A-R	TRANSISTOR	1	
Q821,22	2SD1624-S	TRANSISTOR	2	
Q823	2SB1219A-R	TRANSISTOR	1	
Q825	2SD1819A-R	TRANSISTOR	1	
Q826,27	2SB1073-R	TRANSISTOR	2	
Q829	2SD1819A-R	TRANSISTOR	1	
Q830	2SB1219A-R 2SD1624-S	TRANSISTOR	1	
Q831,32		TRANSISTOR TRANSISTOR	2	
Q833	2SB1219A-R 2SD1819A-R		1	
Q835		TRANSISTOR TRANSISTOR	2	
Q836,37 Q839	2SB1073-R	TRANSISTOR		
	2SD1819A-R	TRANSISTOR	1	
Q840	2SB1219A-R			
Q841,42	2SD1624-S	TRANSISTOR	1	
Q843 Q848	2SB1219A-R 2SD1819A-R	TRANSISTOR TRANSISTOR	<u> </u>	
	2SD1819A-R 2SD601A		-	
Q950 Q951	2SD601A 2SB709A	TRANSISTOR TRANSISTOR	1	
Q951 Q952	2SB709A-R	TRANSISTOR	1	
Q952 Q953	2SD601A-R	TRANSISTOR	1	
Q953 Q954	2SB709A	TRANSISTOR	1	
Q955	2SD601A	TRANSISTOR	1	
3000	232001A		+-	
QR100-02	UN5213	TRANSISTOR-RESISTOR	3	
QR200,01	UN5213	TRANSISTOR-RESISTOR	2	
QR300,01	UN5111	TRANSISTOR-RESISTOR	2	
QR701,02	UN5114	TRANSISTOR-RESISTOR	2	
QR703-05	UN5214	TRANSISTOR-RESISTOR	3	
QR804	UN5213	TRANSISTOR-RESISTOR	1	
QR805-13	UN5214	TRANSISTOR-RESISTOR	9	
QR814	UN5114	TRANSISTOR-RESISTOR	1	
QR818	UN5114	TRANSISTOR-RESISTOR	1	
QR824	UN5114	TRANSISTOR-RESISTOR	1	
QR828	UN5114	TRANSISTOR-RESISTOR	1	
QR834	UN5114 UN5114	TRANSISTOR-RESISTOR	1	
QR838	UN5114 UN5114	TRANSISTOR-RESISTOR TRANSISTOR-RESISTOR	1	
QR838 QR849	UN5114 UN5213	TRANSISTOR-RESISTOR TRANSISTOR-RESISTOR	1	
		TRANSISTOR-RESISTOR TRANSISTOR-RESISTOR	1	
QR901	UN5213 UN5113	TRANSISTOR-RESISTOR TRANSISTOR-RESISTOR	1	
QR902	UN5113 UN5213	TRANSISTOR-RESISTOR TRANSISTOR-RESISTOR	2	
QR903,04			1	
QR950	UN5213	TRANSISTOR-RESISTOR	+-	
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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
QR951	UN5113	TRANSISTOR-RESISTOR	1	Remarks
QR952	UN5215	TRANSISTOR-RESISTOR	1	
QR953	UN5115	TRANSISTOR-RESISTOR	1	
R1	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R2,R3	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R4	ERJ3RBD563	M.RESISTOR CH 1/16W 56K	1	
R5 R6	ERJ3RBD122 ERJ3GEYJ103	M.RESISTOR CH 1/16W 1.2K M.RESISTOR CH 1/16W 10K	1	
R7	ERJ3GEY0R00	M.RESISTOR CH 1/16W 10K	1	
R10,11	ERJ3RBD222	M.RESISTOR CH 1/16W 2.2K	2	
R12	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R100,01	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	2	
R102	ERJ3GEYG471	M.RESISTOR CH 1/16W 470	1	
R103	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R105-07	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	3	
R108 R109	ERJ3GEYJ105 ERJ3GEYJ271	M.RESISTOR CH 1/16W 1M M.RESISTOR CH 1/16W 270	1	
R110	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R112-20	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	9	
R121	ERJ3GEYJ120	M.RESISTOR CH 1/16W 12	1	
R122-25	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	4	
R126	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R127	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R130	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R131 R133-35	ERJ3GEYJ473 ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K M.RESISTOR CH 1/16W 47K	3	
R136,37	ERJ6RBD473	M.RESISTOR CH 1/16W 47K M.RESISTOR CH 1/10W 47K	2	
R138	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R140-62	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	23	
R163	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R165	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R166	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R168-72	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	5	
R173,74 R175,76	ERJ3GEYJ101 ERJ3GEYJ473	M.RESISTOR CH 1/16W 100 M.RESISTOR CH 1/16W 47K	2	
R179	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R182	ERJ8GEY0R00	M.RESISTOR CH 1/8W 0	1	
R184,85	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R200,01	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	2	
R202,03	ERJ3GEYJ330	M.RESISTOR CH 1/16W 33	2	
R204,05	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	2	
R208 R209	ERJ3GEYG102 ERJ3GEYJ392	M.RESISTOR CH 1/16W 1K M.RESISTOR CH 1/16W 3.9K	1	
R210	ERJ3GEYG102	M.RESISTOR CH 1/16W 3.9K	1	
R211	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R212	ERJ3GEYJ123	M.RESISTOR CH 1/16W 12K	1	
R213	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R214	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R215	ERJ3GEYJ394	M.RESISTOR CH 1/16W 390K	1	
R216	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R217 R218	ERJ3GEYG102 ERJ3GEYJ392	M.RESISTOR CH 1/16W 1K M.RESISTOR CH 1/16W 3.9K	1	
R219	ERJ3GEYG102	M.RESISTOR CH 1/16W 3.9K	1	
R220	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R221	ERJ3GEYJ123	M.RESISTOR CH 1/16W 12K	1	
R222	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R223	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R224	ERJ3GEYJ394	M.RESISTOR CH 1/16W 390K	1	
R225 R226.27	ERJ3GEYJ103 ERJ3GEYJ473	M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 47K	2	
R228	ERJ3GEYJ393	M.RESISTOR CH 1/16W 47K	1	
R229	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R230,31	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R232-34	ERJ8GEYJ1R0	M.RESISTOR CH 1/8W 1	3	
R235	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R238	ERJ3GEYJ393	M.RESISTOR CH 1/16W 39K	1	
R239	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R240,41 R242-44	ERJ3GEYG102 ERJ8GEYJ1R0	M.RESISTOR CH 1/16W 1K M.RESISTOR CH 1/8W 1	3	
R245	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R246,47	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R248	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R249	ERJ3GEYJ272	M.RESISTOR CH 1/16W 2.7K	1	
R250	ERJ3GEYJ564	M.RESISTOR CH 1/16W 560K	1	
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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R251	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R252	ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9K	1	
R253	ERJ3GEYJ823	M.RESISTOR CH 1/16W 82K	1	
R254	ERJ3GEYJ153	M.RESISTOR CH 1/16W 15K	1	
R255	ERJ3GEYJ823	M.RESISTOR CH 1/16W 82K	1	
R256-58	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	3	
R259	ERJ3GEYJ334	M.RESISTOR CH 1/16W 330K	1	
R260	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R261	ERJ3GEYJ562 ERJ3GEYJ104	M.RESISTOR CH 1/16W 5.6K M.RESISTOR CH 1/16W 100K		
R262			1	
R263	ERJ3GEYJ103 ERJ3GEYJ821	M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 820	1	
R265	ERJ3GEYG102	M.RESISTOR CH 1/16W 620	1	
R266	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	<u> </u>	
R267	ERJ3GEYJ153	M.RESISTOR CH 1/16W 47K	1	***
R268	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R269	ERJ3GEYJ184	M.RESISTOR CH 1/16W 180K	1	
R270	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R271	ERJ3GEYJ821	M.RESISTOR CH 1/16W 820	1	
R272	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R273	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R274	ERJ3GEYJ153	M.RESISTOR CH 1/16W 15K	1	
R275	ERJ3GEYG102	M.RESISTOR CH 1/16W 15K	+-	
R275	ERJ3GEYJ184	M.RESISTOR CH 1/16W 180K	1	
R277	ERJ3GEYJ103	M.RESISTOR CH 1/16W 160K	1	
R278,79	ERJ3GEYJ181	M.RESISTOR CH 1/16W 10R	2	
R280	ERJ3GEYG471	M.RESISTOR CH 1/16W 470	1	
R281	ERJ3GEYJ331	M.RESISTOR CH 1/16W 330	1	
R282	ERJ3GEYG471	M.RESISTOR CH 1/16W 470	1	
R283,84	ERJ3GEYJ183	M.RESISTOR CH 1/16W 18K	2	
R285,86	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	2	
R300	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R301	ERJ3GEYJ330	M.RESISTOR CH 1/16W 33	1	
R302	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R303	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R304	ERJ3GEYJ330	M.RESISTOR CH 1/16W 33	1	***
R305	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R308,09	ERJ3GEYG682	M.RESISTOR CH 1/16W 6.8K	2	
R310,11	ERJ3GEYJ123	M.RESISTOR CH 1/16W 12K	2	
R312	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R313	ERJ3GEYJ123	M.RESISTOR CH 1/16W 12K	1	
R315	ERJ3GEYJ153	M.RESISTOR CH 1/16W 15K	1	
R316	ERJ3GEYJ224	M.RESISTOR CH 1/16W 220K	1	
R317	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R318	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	**
R319	ERJ3GEYJ123	M.RESISTOR CH 1/16W 12K	1	
R320	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R321	ERJ3GEYJ153	M.RESISTOR CH 1/16W 15K	1	
R322	ERJ3GEYJ224	M.RESISTOR CH 1/16W 220K	1	
R323	ERJ3GEYJ153	M.RESISTOR CH 1/16W 15K	1	
R324	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R325	ERJ3GEYJ123	M.RESISTOR CH 1/16W 12K	1	
R326	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R327	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R328	ERJ3GEYJ394	M.RESISTOR CH 1/16W 390K	1	
R329	ERJ3GEYJ123	M.RESISTOR CH 1/16W 12K	1	
R330	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R331	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R332	ERJ3GEYJ394	M.RESISTOR CH 1/16W 390K	1	
R333,34	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	2	
R336	ERJ3GEYJ393	M.RESISTOR CH 1/16W 39K	1	
R337	ERJ3GEYJ562	M.RESISTOR CH 1/16W 5.6K	1	
R338	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R339-41	ERJ8GEYJ1R0	M.RESISTOR CH 1/8W 1	3	
R342	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R343	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R344	ERJ3GEYJ393	M.RESISTOR CH 1/16W 39K	1	
R345	ERJ3GEYG682	M.RESISTOR CH 1/16W 6.8K	1	
	ERJ3GEYJ330	M.RESISTOR CH 1/16W 33	3	
R346-48	ERJ3GEYJ181	M.RESISTOR CH 1/16W 180	2	
R346-48 R349,50			2	
	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K		
R349,50	ERJ3GEYJ473 ERJ3GEYJ393	M.RESISTOR CH 1/16W 47K M.RESISTOR CH 1/16W 39K	1	
R349,50 R351,52				
R349,50 R351,52 R354	ERJ3GEYJ393	M.RESISTOR CH 1/16W 39K	1	
R349,50 R351,52 R354 R355	ERJ3GEYJ393 ERJ3GEYJ562	M.RESISTOR CH 1/16W 39K M.RESISTOR CH 1/16W 5.6K	1	

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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R360	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R361	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R362	ERJ3GEYJ393	M.RESISTOR CH 1/16W 39K	1	
R363	ERJ3GEYG682	M.RESISTOR CH 1/16W 6.8K	1	
R364-66	ERJ3GEYJ330	M.RESISTOR CH 1/16W 33	3	
R367,68	ERJ3GEYJ181	M.RESISTOR CH 1/16W 180	2	
R369,70	ERJ3GEYJ153	M.RESISTOR CH 1/16W 15K	2	
R371	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R372	ERJ3GEYJ333	M.RESISTOR CH 1/16W 33K	1	
R373	ERJ3GEYJ393	M.RESISTOR CH 1/16W 39K	1	
R374	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R375	ERJ3GEYJ333	M.RESISTOR CH 1/16W 33K	1	
R376	ERJ3GEYJ393	M.RESISTOR CH 1/16W 39K	1	
R380,81	ERJ8GEYJ1R0	M.RESISTOR CH 1/8W 1	2	
R382	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R401	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R402	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R406	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R407	ERJ3GEYJ184	M.RESISTOR CH 1/16W 180K	1	
R408	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R411	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R412	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R416	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R417	ERJ3GEYJ184	M.RESISTOR CH 1/16W 180K	1	
R418	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	. 1	
R421	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R422	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R426	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R427	ERJ3GEYJ184	M.RESISTOR CH 1/16W 180K	1	
R428	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R431	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R432	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R436	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R437	ERJ3GEYJ184	M.RESISTOR CH 1/16W 180K	1	
R438	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R441,42	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	
R443	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R444	ERJ3GEYJ273	M.RESISTOR CH 1/16W 27K	1	
R445	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R448	ERJ6RBD222	M.RESISTOR CH 1/10W 2.2K	1	
R449	ERJ6RBD682	M.RESISTOR CH 1/10W 6.8K	1	
R451	ERJ3GEYJ391	M.RESISTOR CH 1/16W 390	1	
R452-54	ERJ8GEY0R00	M.RESISTOR CH 1/8W 0	3	
R461	ERJ3GEYJ331	M.RESISTOR CH 1/16W 330	1	
R468,69	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	2	
R470	ERJ3RBD562	M.RESISTOR CH 1/16W 5.6K	1	
R471	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R472,73	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	2	
R474	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R475.76	ERJ3GEYJ473	M.RESISTOR CH 1/16W 10K	2	
R477,78	ERJ3GEY0R00	M.RESISTOR CH 1/16W 47K	2	
R477,78	ERJ3RBD821	M.RESISTOR CH 1/16W 0	1	
R500-02	ERJ3GEYJ101	M.RESISTOR CH 1/16W 820	3	
R503,04	ERJ3GEYG472	M.RESISTOR CH 1/16W 100	2	
R503,04 R505	ERJ3GEYG102	M.RESISTOR CH 1/16W 4.7K	1	
R506-08	ERJ3GEYJ680	M.RESISTOR CH 1/16W 68	3	
R509	ERJ3GEYJ103	M.RESISTOR CH 1/16W 68	1	
			+	
R510-13 R514	ERJ3GEYJ101 ERJ3GEYJ103	M.RESISTOR CH 1/16W 100 M.RESISTOR CH 1/16W 10K	1	
R515	ERJ3GEYJ680	M.RESISTOR CH 1/16W 10K	1	
			4	
R516-19 R520	ERJ3GEYJ101 ERJ3GEYJ103	M.RESISTOR CH 1/16W 100 M.RESISTOR CH 1/16W 10K	1	
R521-28	ERJ3GEYJ101		1	
R529 R531-38	ERJ3GEY0R00 ERJ3GEYJ101	M.RESISTOR CH 1/16W 0 M.RESISTOR CH 1/16W 100	8	
			+	
R539	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R551-61	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	11	
R563	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R564-75	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	12	
R577	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R579-87	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	9	
R590	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R593	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R595	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R603-06	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	4	
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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R700-02	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	3	
R703	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
R704	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R705	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
R706	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R707	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R708	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R709	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R710	ERJ3GEYJ394	M.RESISTOR CH 1/16W 390K	1	
R711	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R712,13	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R714 R715	ERJ3GEYJ104 ERJ3GEYJ103	M.RESISTOR CH 1/16W 100K M.RESISTOR CH 1/16W 10K	1	
R716,17	ERJ8GEYJ101	M.RESISTOR CH 1/8W 100	2	
R718 R719	ERJ8GEYJ300	M.RESISTOR CH 1/8W 30 M.RESISTOR CH 1/16W 10K	1	
	ERJ3GEYJ103			
R720	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R721 R722	ERJ6GEYG151	M.RESISTOR CH 1/10W 150 M.RESISTOR CH 1/16W 10K	1	
R723	ERJ3GEYJ103 ERJ3GEYJ473		1	
R724	ERJ3GEYJ221	M.RESISTOR CH 1/16W 47K M.RESISTOR CH 1/16W 220	1	
R725	ERJ3GEYG102	M.RESISTOR CH 1/16W 220	<u> </u>	
			1	
R726 R727-30	ERJ3GEYJ103 ERJ3GEYJ273	M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 27K	4	
R727-30	ERJ3GEYJ273 ERJ3GEYG102	M.RESISTOR CH 1/16W 2/K	4	
	ERJ3GEY0R00		1	
R735 R736	ERJ3GEYJ473	M.RESISTOR CH 1/16W 0 M.RESISTOR CH 1/16W 47K	1	
R737,38	ERJ8GEYJ102	M.RESISTOR CH 1/16W 4/K	2	
R739	ERJ3GEYJ103	M.RESISTOR CH 1/8W 1K	1	
R740	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R741	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R742	ERJ3GEYJ221	M.RESISTOR CH 1/16W 220	1	
R743	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R744,45	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	
R746	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R747	ERJ3GEYJ273	M.RESISTOR CH 1/16W 27K	1	
R748	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R749	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R751	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R752	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R753	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R754	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R804	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R806	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R807-09	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	3	
R810	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R811	ERJ3GEYJ683	M.RESISTOR CH 1/16W 68K	1	
R812-14	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	3	
R815-17	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	3	
R819,20	ERJ3GEYJ563	M.RESISTOR CH 1/16W 56K	2	
R821	ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9K	1	
R822	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R823-25	ERJ6GEYG681	M.RESISTOR CH 1/10W 680	3	
R826,27	ERJ3GEYJ394	M.RESISTOR CH 1/16W 390K	2	
R828	ERJ3GEYG682	M.RESISTOR CH 1/16W 6.8K	1	
R829	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R830	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R831,32	ERJ8GEYJ391	M.RESISTOR CH 1/8W 390	2	
R833	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R834,35	ERJ8GEYJ391	M.RESISTOR CH 1/8W 390	2	
R836	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R837	ERJ3GEYG682	M.RESISTOR CH 1/16W 6.8K	1	
R838	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R839	ERJ3GEYG682	M.RESISTOR CH 1/16W 6.8K	1	
R840,41	ERJ8GEYJ391	M.RESISTOR CH 1/8W 390	2	
R842	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R843,44	ERJ8GEYJ391	M.RESISTOR CH 1/8W 390	2	
R845	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R846	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R847,48	ERJ3GEYG682	M.RESISTOR CH 1/16W 6.8K	2	
R849	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R850	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R851,52	ERJ8GEYJ391	M.RESISTOR CH 1/8W 390	2	
R853	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R854,55	ERJ8GEYJ391	M.RESISTOR CH 1/8W 390	2	
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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R856	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R857	ERJ3GEYG682	M.RESISTOR CH 1/16W 6.8K	1	
R858	ERJ3GEYJ473 ERJ3GEYG682	M.RESISTOR CH 1/16W 47K M.RESISTOR CH 1/16W 6.8K	1	
R859			2	
R860,61 R862	ERJ8GEYJ391	M.RESISTOR CH 1/8W 390 M.RESISTOR CH 1/16W 10K	1	
R863,64	ERJ3GEYJ103 ERJ8GEYJ391	M.RESISTOR CH 1/16W 10K	2	
R865	ERJ3GEYJ103	M.RESISTOR CH 1/8W 390 M.RESISTOR CH 1/16W 10K	1	
R866	ERJ3GEYJ473	M.RESISTOR CH 1/16W 10K	1	
R867,68	ERJ3GEYG682	M.RESISTOR CH 1/16W 47K	2	
R869	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R870	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R871,72	ERJ8GEYJ391	M.RESISTOR CH 1/8W 390	2	
R873	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R874,75	ERJ8GEYJ391	M.RESISTOR CH 1/8W 390	2	
R876	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R877	ERJ3GEYG682	M.RESISTOR CH 1/16W 6.8K	1	
R878	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R879	ERJ3GEYG682	M.RESISTOR CH 1/16W 6.8K	1	
R880	ERJ8GEYJ391	M.RESISTOR CH 1/8W 390	1	
R881	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R882-84	ERJ8GEYJ391	M.RESISTOR CH 1/8W 390	3	
R885	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R886	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R887	ERJ3GEYG682	M.RESISTOR CH 1/16W 6.8K	1	
R890-95	ERJ12YJ3R3	M.RESISTOR CH 1/2W 3.3	6	
R897,98	ERJ12YJ3R3	M.RESISTOR CH 1/2W 3.3	2	
R900	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R901	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
R904	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R906	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R908	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R909	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R910	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R911	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R912	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	. 1	
R913	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R914	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R915	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R916	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R917	ERJ3GEYJ101 ERJ3GEY0R00	M.RESISTOR CH 1/16W 100 M.RESISTOR CH 1/16W 0	1	
R919 R920-23			4	
R941	ERJ8GEY0R00 ERJ3GEYJ623	M.RESISTOR CH 1/8W 0 M.RESISTOR CH 1/16W 62K	1	
R942	ERJ3GEYJ563	M.RESISTOR CH 1/16W 62K	1	
R943	ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9K	1	
R944	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R945-47	ERJ6GEYG681	M.RESISTOR CH 1/10W 680	3	
R950-53	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	4	
R954,55	ERJ3RBD471	M.RESISTOR CH 1/16W 470	2	
R956	ERJ3GEYJ271	M.RESISTOR CH 1/16W 270	1	
R957	ERJ3GEYJ560	M.RESISTOR CH 1/16W 56	1	
R958,59	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	2	
R960	ERJ3GEYJ563	M.RESISTOR CH 1/16W 56K	1	
R961,62	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	
R963	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R964	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R965	ERJ3RBD562	M.RESISTOR CH 1/16W 5.6K	1	
R966	ERJ3RBD821	M.RESISTOR CH 1/16W 820	1	
R967	ERJ3RBD562	M.RESISTOR CH 1/16W 5.6K	1	
R968	ERJ3RBD821	M.RESISTOR CH 1/16W 820	1	
R969,70	ERJ3RBD823	M.RESISTOR CH 1/16W 82K	2	
R971,72	ERJ3GEYJ562	M.RESISTOR CH 1/16W 5.6K	2	
R973,74	ERJ3GEYG822	M.RESISTOR CH 1/16W 8.2K	2	
R975	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R976	ERJ3GEYJ330	M.RESISTOR CH 1/16W 33	1	
R977,78	ERJ3GEYJ562	M.RESISTOR CH 1/16W 5.6K	2	
R979	ERJ3RBD562	M.RESISTOR CH 1/16W 5.6K	1	
R980	ERJ3RBD473	M.RESISTOR CH 1/16W 47K	1	
R981	ERJ3RBD562	M.RESISTOR CH 1/16W 5.6K	1	
R982	ERJ3GEYJ562	M.RESISTOR CH 1/16W 5.6K	1	
R983 R984	ERJ3RBD333 ERJ3GEYJ562	M.RESISTOR CH 1/16W 33K M.RESISTOR CH 1/16W 5.6K	1	
R985	ERJ3GEYJ104	M.RESISTOR CH 1/16W 5.6K	1	
R986	ERJ3GEYJ272	M.RESISTOR CH 1/16W 100K	1	
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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R987	ERJ3RBD562	M.RESISTOR CH 1/16W 5.6K	1	
R988	ERJ3RBD473	M.RESISTOR CH 1/16W 47K	1	
R989,90	ERJ3GEYJ153	M.RESISTOR CH 1/16W 15K	2	
R991,92	ERJ3RBD473	M.RESISTOR CH 1/16W 47K	2	
R993	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R994	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R995	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R996	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R997-99	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	3	
	211000210100			
TG300	EYF6CU	TEST POINT	1	
10300	ETFOCO	TEST FOINT	<u>-</u> -	
TI 1000 04	ED HOYODOO	M DECICEO OLI MOMI		
TH200,01	ERJ12Y0R00	M.RESISTOR CH 1/2W 0	2	
TH300,01	ERJ12Y0R00	M.RESISTOR CH 1/2W 0	2	
			<u> </u>	
TP102,03	EYF6CU	TEST POINT	2	
TP113,14	EYF6CU	TEST POINT	2	
TP301,02	EYF6CU	TEST POINT	2	
TP402	EYF6CU	TEST POINT	1	
TP501-04	EYF6CU	TEST POINT	4	
TP601,02	EYF6CU	TEST POINT	2	
TP901	EYF6CU	TEST POINT	1	
TP950	EYF6CU	TEST POINT	1	
555	555		 	
VP401	EVM7 IC ADDRES	V.RESISTOR 50K	1	
VR401	EVM7JGA00B54		1	
VR402	EVM7JGA00B24	V.RESISTOR 20K	1	
VR501,02	EVM7JGA00B24	V.RESISTOR 20K	2	B050000000
VR503,04	VRV0303B203A	V.RESISTOR 20K	2	D3EC3203A002
VR950	VRV0303B203A	V.RESISTOR 20K	1	D3EC3203A002
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X100	VSX0918	CRYSTAL OSCILLATOR	1	H0J250500005
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■ E13	VEP85179B	HEAD BUFF P.C.BOARD	1	(RTL)
	VEI 00173B	TIEAD BOTT T.O.BOARD	<u>-</u>	(1112)
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0400	ECHIVALIAZA ICV	C CADACITOD CIL FOV. 470D	<u> </u>	
C100	ECUX1H471JCV	C.CAPACITOR CH 50V 470P	1	
C101	ECUX1H220JCV	C.CAPACITOR CH 50V 22P	1	
C102,03	ECUX1H080DCV	C.CAPACITOR CH 50V 8P	2	
C106	ECUX1H471JCV	C.CAPACITOR CH 50V 470P	1	
C107	ECUX1H220JCV	C.CAPACITOR CH 50V 22P	1	
C108,09	ECUX1H080DCV	C.CAPACITOR CH 50V 8P	2	
C112	ECUX1H471JCV	C.CAPACITOR CH 50V 470P	1	
C113	ECUX1H220JCV	C.CAPACITOR CH 50V 22P	1	
C114,15	ECUX1H080DCV	C.CAPACITOR CH 50V 8P	2	
C118	ECUX1H471JCV	C.CAPACITOR CH 50V 470P	1	
C119		C.CAPACITOR CH 50V 22P	1	
C120,21		C.CAPACITOR CH 50V 8P	2	
C124-31		C.CAPACITOR CH 16V 0.1U	8	
C204,05		C.CAPACITOR CH 16V 0.1U	2	
C204,05			1	
				E1H1H102A000
C207,08		C.CAPACITOR CH 50V 1000P		F1H1H102A009
C209		C.CAPACITOR CH 16V 1U	1	
C210		C.CAPACITOR CH 16V 0.1U	1	
C212		C.CAPACITOR CH 16V 0.1U	1	
C213	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C214	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C219,20	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	2	
C221	ECUM1C105KBM	C.CAPACITOR CH 16V 1U	1	
C222,23	ECUX1H102KBV	C.CAPACITOR CH 50V 1000P	2	F1H1H102A009
C224		C.CAPACITOR CH 16V 1U	1	
C225		C.CAPACITOR CH 16V 0.1U	1	
C227		C.CAPACITOR CH 16V 0.1U	1	
C228		C.CAPACITOR CH 50V 100P	1	
C229		C.CAPACITOR CH 25V 0.1U	1	
C304,05		C.CAPACITOR CH 16V 0.1U	2	
C306		C.CAPACITOR CH 16V 1U	1	
C307,08	ECUX1H102KBV	C.CAPACITOR CH 50V 1000P	2	F1H1H102A009
C309	ECUM1C105KBM	C.CAPACITOR CH 16V 1U	1	
C310	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
C312	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
C313	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C314	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	. 1	
C319,20	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	2	
C321		C.CAPACITOR CH 16V 1U	1	E414114004000
C322,23 C324	ECUM1010EKBV	C.CAPACITOR CH 50V 1000P C.CAPACITOR CH 16V 1U	1	F1H1H102A009
C325	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
C327	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
C328	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C329	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C400-05	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	6	
C406,07	ECUX1H272KBV	C.CAPACITOR CH 50V 2700P	2	
C408	ECUX1H470JCV	C.CAPACITOR CH 50V 47P	1	
C409-16	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	8	
C417,18	ECUX1H272KBV	C.CAPACITOR CH 50V 2700P	2	
C419	ECUX1H470JCV	C.CAPACITOR CH 50V 47P	1	
C420-27	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	8	
C428,29 C430	ECUX1H272KBV ECUX1H470JCV	C.CAPACITOR CH 50V 2700P C.CAPACITOR CH 50V 47P	1	
C431-38	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	8	
C439,40	ECUX1H272KBV	C.CAPACITOR CH 50V 2700P	2	
C441	ECUX1H470JCV	C.CAPACITOR CH 50V 47P	1	
C442,43	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	2	
C444-47	ECUX1H220JCV	C.CAPACITOR CH 50V 22P	4	
C448-51	ECUX1H682KBV	C.CAPACITOR CH 50V 6800P	4	
C456-59	ECUX1H682KBV	C.CAPACITOR CH 50V 6800P	4	
C464-67	ECUX1H682KBV	C.CAPACITOR CH 50V 6800P	4	
C472-75	ECUX1H682KBV	C.CAPACITOR CH 50V 6800P	4	
C476	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C500,01	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C504,05	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
D100.07	MAAAQQMA	DIODE	8	
D100-07 D200-07	MA132WK MA132WK	DIODE	8	
D300-07	MA132WK	DIODE	8	
IC400	UPC5102GS030	IC	1	C1ZBZ0001316
IC401	UPC1663G	ic	1	C1CB00000329
IC402	UPC5102GS030	IC	1	C1ZBZ0001316
IC403	UPC1663G	IC	1	C1CB00000329
IC404	UPC5102GS030	IC	1	C1ZBZ0001316
IC405	UPC1663G	IC	+	C1CB00000329
IC406	UPC5102GS030	IC	+	C1ZBZ0001316
IC407	UPC1663G	IC		C1CB00000329
IC500-03	T4069UBFT	IC	4	
IC504-07	TC7SH04FU	IC	4	
J1,J2	VJR1094	TERMINAL	2	
31,32	V3IC1034	TERWINAL		
L100-07	VLQ0426J2R2	COIL 2.2UH	8	G1C2R2J00008
L200-03	VLQ0163J121	COIL 120UH	4	G1C121J00001
L300-03	VLQ0163J121	COIL 120UH	4	G1C121J00001
P1,P2	VJS3898D024	CONNECTOR (FEMALE)	2	K1MN24B00041
P3	VJS3801B050	CONNECTOR (FEMALE)	1	
P4	VJS3801B040	CONNECTOR (FEMALE)	1	
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Q100,01	2SC3735B35	TRANSISTOR	2	
Q102,03	XN1504	TRANSISTOR-RESISTOR TRANSISTOR	2	
Q104,05 Q106,07	2SC3735B35 XN1504	TRANSISTOR-RESISTOR	2	
Q108,09	2SC3735B35	TRANSISTOR-RESISTOR	2	
Q110,11	XN1504	TRANSISTOR-RESISTOR	2	
Q112,13	2SC3735B35	TRANSISTOR	2	
Q114,15	XN1504	TRANSISTOR-RESISTOR	2	
Q200-03	XN1504	TRANSISTOR-RESISTOR	4	
Q204	2SC2954	TRANSISTOR	1	
Q205,06	B1CBCB000002	TRANSISTOR	2	
Q207	2SC2954	TRANSISTOR	1	
Q208	2SA1532-B	TRANSISTOR	1	
Q209	2SC2954	TRANSISTOR	1	
Q210-13	XN1504	TRANSISTOR-RESISTOR	4	
Q214 Q215 16	2SC2954 B1CBCB000002	TRANSISTOR TRANSISTOR	2	
Q215,16 Q217	B1CBCB000002 2SC2954	TRANSISTOR	1	
Q217 Q218	2SA1532-B	TRANSISTOR	1	
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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
Q219	2SC2954	TRANSISTOR	1	
Q300-03	XN1504	TRANSISTOR-RESISTOR	4	
Q304 Q305,06	2SC2954 B1CBCB000002	TRANSISTOR TRANSISTOR	1 2	
Q307	2SC2954	TRANSISTOR	1	
Q308	2SA1532-B	TRANSISTOR	1	
Q309	2SC2954	TRANSISTOR	1	
Q310-13	XN1504	TRANSISTOR-RESISTOR	4	
Q314	2SC2954	TRANSISTOR	1	
Q315,16	B1CBCB000002	TRANSISTOR	2	
Q317	2SC2954	TRANSISTOR	1	
Q318	2SA1532-B	TRANSISTOR	1	
Q319	2SC2954	TRANSISTOR	1	
Q401-08	XN1504	TRANSISTOR-RESISTOR	8	
R1	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R100	ERJ6GEYJ5R6	M.RESISTOR CH 1/10W 5.6	1	
R101	ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9K	1	
R102	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	1	
R103	ERJ6GEYG270	M.RESISTOR CH 1/10W 27	1	
R104	ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9K	1	
R105	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	1	
R106-09	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	4	
R110,11	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	2	
R112	ERJ6GEYJ5R6	M.RESISTOR CH 1/10W 5.6	1	
R113	ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9K	1	
R114	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	1	
R115	ERJ6GEYG270	M.RESISTOR CH 1/10W 27	1	
R116	ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9K	1	
R117	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	1	
R118-21	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	4	
R122,23	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	2	
R124	ERJ6GEYJ5R6	M.RESISTOR CH 1/10W 5.6	1	
R125	ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9K	1	
R126	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	1	
R127	ERJ6GEYG270	M.RESISTOR CH 1/10W 27	1	
R128	ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9K	1	
R129	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	1	
R130-33	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	4	
R134,35	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	2	
R136	ERJ6GEYJ5R6	M.RESISTOR CH 1/10W 5.6	1	
R137	ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9K	1	
R138	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	1	
R139	ERJ6GEYG270	M.RESISTOR CH 1/10W 27	1	
R140	ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9K	1	
R141	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	1	
R142-45	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	4	
R146,47	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	2	
R200-03	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	4	
R204,05	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	2	
R206-09	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	4	
R210,11	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	2	
R212,13	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	2	
R214	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R215	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
R216	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R217	ERJ3GEYJ221	M.RESISTOR CH 1/16W 220	1	
R218	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R219	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
R220	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R221,22	ERJ3GEYJ182	M.RESISTOR CH 1/16W 1.8K	2	
R223	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R224	ERJ12YJ270	M.RESISTOR CH 1/2W 270	1	
R225-28	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	4	
R229,30	ERJ3GEYJ182	M.RESISTOR CH 1/16W 1.8K	2	
R231-34	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	4	
R235,36	ERJ3GEYJ182	M.RESISTOR CH 1/16W 1.8K	2	
R237,38	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	2	
R239	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R240	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
R241	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R242	ERJ3GEYJ221	M.RESISTOR CH 1/16W 220	1	
R243	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R244	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
R245	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
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			1	

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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R246,47	ERJ3GEYJ182	M.RESISTOR CH 1/16W 1.8K	2	
R248	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R249	ERJ12YJ270	M.RESISTOR CH 1/2W 270	1	
R250,51	ERJ3GEYJ182	M.RESISTOR CH 1/16W 1.8K	2	
R252-54	EXB24V103J	COMBI.R-R 10K	3	
R300-03	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	4	
R304,05	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	2	
R306-09	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	4	
R310,11	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	2	
R312,13	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	2	
R314	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R315	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
R316	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R317	ERJ3GEYJ221	M.RESISTOR CH 1/16W 220	1	
R318	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R319	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
R320	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R321,22	ERJ3GEYJ182	M.RESISTOR CH 1/16W 1.8K	2	
			1	
R323	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K		
R324	ERJ12YJ270	M.RESISTOR CH 1/2W 270	1	
R325-28	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	4	
R329,30	ERJ3GEYJ182	M.RESISTOR CH 1/16W 1.8K	2	
R331-34	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	4	
R335,36	ERJ3GEYJ182	M.RESISTOR CH 1/16W 1.8K	2	
R337,38	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	2	
R339	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R340	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
	ERJ3GEYG332	M.RESISTOR CH 1/16W 1.3K	1	
R341			+	
R342	ERJ3GEYJ221	M.RESISTOR CH 1/16W 220	1	
R343	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R344	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
R345	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R346,47	ERJ3GEYJ182	M.RESISTOR CH 1/16W 1.8K	2	
R348	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R349	ERJ12YJ270	M.RESISTOR CH 1/2W 270	1	
R350,51	ERJ3GEYJ182	M.RESISTOR CH 1/16W 1.8K	2	
R352-54	EXB24V103J	COMBI.R-R 10K	3	
	ERJ3GEYG471		2	
R400,01			+	
R402,03	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R404	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R405,06	ERJ3GEYG471	M.RESISTOR CH 1/16W 470	2	
R407,08	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R409	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R410,11	ERJ3GEYG471	M.RESISTOR CH 1/16W 470	2	
R412,13	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R414	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R415,16	ERJ3GEYG471	M.RESISTOR CH 1/16W 470	2	
R417,18		MINICEGIOTOTO OTT 17 TOWN 17 O		
R419		M RESISTOR CH 1/16W 100	+	
	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R420-35	ERJ3GEYJ222 ERJ3GEYJ103	M.RESISTOR CH 1/16W 2.2K M.RESISTOR CH 1/16W 10K	1 16	
R420-35 R436-39	ERJ3GEYJ222 ERJ3GEYJ103 ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 2.2K	1 16 4	
R420-35 R436-39 R440-43	ERJ3GEYJ222 ERJ3GEYJ103 ERJ3GEYJ222 ERJ3GEYJ331	M.RESISTOR CH 1/16W 2.2K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 2.2K M.RESISTOR CH 1/16W 330	2 1 16 4 4	
R420-35 R436-39	ERJ3GEYJ222 ERJ3GEYJ103 ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 2.2K	1 16 4	
R420-35 R436-39 R440-43	ERJ3GEYJ222 ERJ3GEYJ103 ERJ3GEYJ222 ERJ3GEYJ331	M.RESISTOR CH 1/16W 2.2K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 2.2K M.RESISTOR CH 1/16W 330	2 1 16 4 4	
R420-35 R436-39 R440-43 R500	ERJ3GEYJ222 ERJ3GEYJ103 ERJ3GEYJ222 ERJ3GEYJ331 ERJ3GEYG102	M.RESISTOR CH 1/16W 2.2K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 2.2K M.RESISTOR CH 1/16W 330 M.RESISTOR CH 1/16W 1K	2 1 16 4 4	
R420-35 R436-39 R440-43 R500 R502	ERJ3GEYJ222 ERJ3GEYJ103 ERJ3GEYJ222 ERJ3GEYJ331 ERJ3GEYG102 ERJ3GEYG102	M.RESISTOR CH 1/16W 2.2K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 2.2K M.RESISTOR CH 1/16W 330 M.RESISTOR CH 1/16W 1K M.RESISTOR CH 1/16W 1K	2 1 16 4 4 1	
R420-35 R436-39 R440-43 R500 R502 R504	ERJ3GEYJ222 ERJ3GEYJ103 ERJ3GEYJ222 ERJ3GEYJ331 ERJ3GEYG102 ERJ3GEYG102 ERJ3GEYG102	M.RESISTOR CH 1/16W 2.2K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 2.2K M.RESISTOR CH 1/16W 330 M.RESISTOR CH 1/16W 1K M.RESISTOR CH 1/16W 1K M.RESISTOR CH 1/16W 1K	2 1 16 4 4 1 1	
R420-35 R436-39 R440-43 R500 R502 R504 R506	ERJ3GEYJ222 ERJ3GEYJ103 ERJ3GEYJ222 ERJ3GEYJ331 ERJ3GEYG102 ERJ3GEYG102 ERJ3GEYG102 ERJ3GEYG102	M.RESISTOR CH 1/16W 2.2K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 2.2K M.RESISTOR CH 1/16W 330 M.RESISTOR CH 1/16W 1K M.RESISTOR CH 1/16W 1K M.RESISTOR CH 1/16W 1K M.RESISTOR CH 1/16W 1K M.RESISTOR CH 1/16W 1K	2 1 16 4 4 1 1 1	
R420-35 R436-39 R440-43 R500 R502 R504 R506 R508-15	ERJ3GEYJ222 ERJ3GEYJ103 ERJ3GEYJ222 ERJ3GEYJ331 ERJ3GEYG102 ERJ3GEYG102 ERJ3GEYG102 ERJ3GEYG102 ERJ3GEYG102 ERJ3GEYG102	M.RESISTOR CH 1/16W 2.2K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 2.2K M.RESISTOR CH 1/16W 330 M.RESISTOR CH 1/16W 1K M.RESISTOR CH 1/16W 1K M.RESISTOR CH 1/16W 1K M.RESISTOR CH 1/16W 1K M.RESISTOR CH 1/16W 1K	2 1 16 4 4 1 1 1	
R420-35 R436-39 R440-43 R500 R502 R504 R506	ERJ3GEYJ222 ERJ3GEYJ103 ERJ3GEYJ222 ERJ3GEYJ331 ERJ3GEYG102 ERJ3GEYG102 ERJ3GEYG102 ERJ3GEYG102	M.RESISTOR CH 1/16W 2.2K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 2.2K M.RESISTOR CH 1/16W 330 M.RESISTOR CH 1/16W 1K M.RESISTOR CH 1/16W 1K M.RESISTOR CH 1/16W 1K M.RESISTOR CH 1/16W 1K M.RESISTOR CH 1/16W 1K M.RESISTOR CH 1/16W 1K	2 1 16 4 4 1 1 1 1 8	
R420-35 R436-39 R440-43 R500 R502 R504 R506 R508-15	ERJ3GEYJ222 ERJ3GEYJ103 ERJ3GEYJ222 ERJ3GEYJ331 ERJ3GEYG102 ERJ3GEYG102 ERJ3GEYG102 ERJ3GEYG102 ERJ3GEYG102 EXB24V105J	M.RESISTOR CH 1/16W 2.2K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 2.2K M.RESISTOR CH 1/16W 330 M.RESISTOR CH 1/16W 1K M.RESISTOR CH 1/16W 1K M.RESISTOR CH 1/16W 1K M.RESISTOR CH 1/16W 1K M.RESISTOR CH 1/16W 1K COMBI.R-R 1M	2 1 16 4 4 1 1 1 1 8	DMCC14103000S
R420-35 R436-39 R440-43 R500 R502 R504 R506 R508-15	ERJ3GEYJ222 ERJ3GEYJ103 ERJ3GEYJ222 ERJ3GEYJ331 ERJ3GEYG102 ERJ3GEYG102 ERJ3GEYG102 ERJ3GEYG102 ERJ3GEYG102 ERJ3GEYG102	M.RESISTOR CH 1/16W 2.2K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 2.2K M.RESISTOR CH 1/16W 330 M.RESISTOR CH 1/16W 1K M.RESISTOR CH 1/16W 1K M.RESISTOR CH 1/16W 1K M.RESISTOR CH 1/16W 1K M.RESISTOR CH 1/16W 1K M.RESISTOR CH 1/16W 1K	2 1 16 4 4 1 1 1 1 8	D4CC11030006
R420-35 R436-39 R440-43 R500 R502 R504 R506 R508-15 TG400	ERJ3GEYJ222 ERJ3GEYJ103 ERJ3GEYJ222 ERJ3GEYJ331 ERJ3GEYG102 ERJ3GEYG102 ERJ3GEYG102 ERJ3GEYG102 ERJ3GEYG102 EXB24V105J EYF6CU VRT0139K103	M.RESISTOR CH 1/16W 2.2K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 2.2K M.RESISTOR CH 1/16W 330 M.RESISTOR CH 1/16W 1K M.RESISTOR CH 1/16W 1K M.RESISTOR CH 1/16W 1K M.RESISTOR CH 1/16W 1K M.RESISTOR CH 1/16W 1K M.RESISTOR CH 1/16W 1K M.RESISTOR CH 1/16W 1K TEST POINT THERMISTOR	2 1 16 4 4 1 1 1 1 1 8	D4CC11030006
R420-35 R436-39 R440-43 R500 R502 R504 R506 R508-15 TG400 TH400-03	ERJ3GEYJ222 ERJ3GEYJ103 ERJ3GEYJ222 ERJ3GEYJ331 ERJ3GEYG102 ERJ3GEYG102 ERJ3GEYG102 ERJ3GEYG102 ERJ3GEYG102 EXB24V105J EYF6CU VRT0139K103	M.RESISTOR CH 1/16W 2.2K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 2.2K M.RESISTOR CH 1/16W 330 M.RESISTOR CH 1/16W 1K M.RESISTOR CH 1/16W 1K M.RESISTOR CH 1/16W 1K M.RESISTOR CH 1/16W 1K M.RESISTOR CH 1/16W 1K M.RESISTOR CH 1/16W 1K TEST POINT THERMISTOR	2 1 16 4 4 1 1 1 1 1 1 8 1 4 4 4 4 4 4 4 4 4 4	D4CC11030006
R420-35 R436-39 R440-43 R500 R502 R504 R506 R508-15 TG400	ERJ3GEYJ222 ERJ3GEYJ103 ERJ3GEYJ222 ERJ3GEYJ331 ERJ3GEYG102 ERJ3GEYG102 ERJ3GEYG102 ERJ3GEYG102 ERJ3GEYG102 EXB24V105J EYF6CU VRT0139K103	M.RESISTOR CH 1/16W 2.2K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 2.2K M.RESISTOR CH 1/16W 330 M.RESISTOR CH 1/16W 1K M.RESISTOR CH 1/16W 1K M.RESISTOR CH 1/16W 1K M.RESISTOR CH 1/16W 1K M.RESISTOR CH 1/16W 1K M.RESISTOR CH 1/16W 1K M.RESISTOR CH 1/16W 1K TEST POINT THERMISTOR	2 1 16 4 4 1 1 1 1 1 8	D4CC11030006
R420-35 R436-39 R440-43 R500 R502 R504 R506 R508-15 TG400 TH400-03	ERJ3GEYJ222 ERJ3GEYJ103 ERJ3GEYJ222 ERJ3GEYJ331 ERJ3GEYG102 ERJ3GEYG102 ERJ3GEYG102 ERJ3GEYG102 ERJ3GEYG102 EXB24V105J EYF6CU VRT0139K103	M.RESISTOR CH 1/16W 2.2K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 2.2K M.RESISTOR CH 1/16W 330 M.RESISTOR CH 1/16W 1K M.RESISTOR CH 1/16W 1K M.RESISTOR CH 1/16W 1K M.RESISTOR CH 1/16W 1K M.RESISTOR CH 1/16W 1K M.RESISTOR CH 1/16W 1K TEST POINT THERMISTOR	2 1 16 4 4 1 1 1 1 1 1 8 1 4 4 4 4 4 4 4 4 4 4	D4CC11030006
R420-35 R436-39 R440-43 R500 R502 R504 R506 R508-15 TG400 TH400-03 TP100-03 TP400-03	ERJ3GEYJ222 ERJ3GEYJ103 ERJ3GEYJ222 ERJ3GEYJ331 ERJ3GEYG102 ERJ3GEYG102 ERJ3GEYG102 ERJ3GEYG102 ERJ3GEYG102 EXB24V105J EYF6CU VRT0139K103 EYF6CU EYF6CU EYF6CU	M.RESISTOR CH 1/16W 2.2K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 2.2K M.RESISTOR CH 1/16W 330 M.RESISTOR CH 1/16W 1K M.RESISTOR CH 1/16W 1K M.RESISTOR CH 1/16W 1K M.RESISTOR CH 1/16W 1K M.RESISTOR CH 1/16W 1K M.RESISTOR CH 1/16W 1K TEST POINT THERMISTOR TEST POINT TEST POINT TEST POINT	2 1 16 4 4 1 1 1 1 1 8 1 4 4 4 4 1 1 1 1 4 4 1 1 1 1	D4CC11030006
R420-35 R436-39 R440-43 R500 R502 R504 R506 R508-15 TG400 TH400-03 TP100-03 TP400-03	ERJ3GEYJ222 ERJ3GEYJ103 ERJ3GEYJ222 ERJ3GEYJ331 ERJ3GEYG102 ERJ3GEYG102 ERJ3GEYG102 ERJ3GEYG102 ERJ3GEYG102 EXB24V105J EYF6CU VRT0139K103 EYF6CU EYF6CU EYF6CU	M.RESISTOR CH 1/16W 2.2K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 2.2K M.RESISTOR CH 1/16W 330 M.RESISTOR CH 1/16W 1K M.RESISTOR CH 1/16W 1K M.RESISTOR CH 1/16W 1K M.RESISTOR CH 1/16W 1K M.RESISTOR CH 1/16W 1K M.RESISTOR CH 1/16W 1K TEST POINT THERMISTOR TEST POINT TEST POINT TEST POINT	2 1 16 4 4 1 1 1 1 1 8 1 4 4 4 4 1 1 1 1 4 4 1 1 1 1	D4CC11030006
R420-35 R436-39 R440-43 R500 R502 R504 R506 R508-15 TG400 TH400-03 TP100-03 TP400-03	ERJ3GEYJ222 ERJ3GEYJ103 ERJ3GEYJ222 ERJ3GEYJ331 ERJ3GEYG102 ERJ3GEYG102 ERJ3GEYG102 ERJ3GEYG102 ERJ3GEYG102 EXB24V105J EYF6CU VRT0139K103 EYF6CU EYF6CU EYF6CU	M.RESISTOR CH 1/16W 2.2K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 2.2K M.RESISTOR CH 1/16W 330 M.RESISTOR CH 1/16W 1K M.RESISTOR CH 1/16W 1K M.RESISTOR CH 1/16W 1K M.RESISTOR CH 1/16W 1K M.RESISTOR CH 1/16W 1K M.RESISTOR CH 1/16W 1K TEST POINT THERMISTOR TEST POINT TEST POINT TEST POINT TEST POINT	2 1 16 4 4 1 1 1 1 1 8 1 4 4 4 4 1 1 1 1 4 4 1 1 1 1	D4CC11030006
R420-35 R436-39 R440-43 R500 R502 R504 R506 R508-15 TG400 TH400-03 TP100-03 TP400-03	ERJ3GEYJ222 ERJ3GEYJ103 ERJ3GEYJ222 ERJ3GEYJ331 ERJ3GEYG102 ERJ3GEYG102 ERJ3GEYG102 ERJ3GEYG102 EXB24V105J EYF6CU VRT0139K103 EYF6CU EYF6CU EYF6CU EYF6CU	M.RESISTOR CH 1/16W 2.2K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 2.2K M.RESISTOR CH 1/16W 330 M.RESISTOR CH 1/16W 1K M.RESISTOR CH 1/16W 1K M.RESISTOR CH 1/16W 1K M.RESISTOR CH 1/16W 1K M.RESISTOR CH 1/16W 1K TEST POINT THERMISTOR THERMISTOR TEST POINT TEST POINT TEST POINT TEST POINT TEST POINT TEST POINT TEST POINT TEST POINT	2 1 16 4 4 1 1 1 1 1 8 1 4 4 4 4 1 1 1 1 4 4 1 1 1 1	D4CC11030006
R420-35 R436-39 R440-43 R500 R502 R504 R506 R508-15 TG400 TH400-03 TP100-03 TP400-03	ERJ3GEYJ222 ERJ3GEYJ103 ERJ3GEYJ222 ERJ3GEYJ222 ERJ3GEYJ331 ERJ3GEYG102 ERJ3GEYG102 ERJ3GEYG102 ERJ3GEYG102 EXB24V105J EYF6CU VRT0139K103 EYF6CU EYF6CU EYF6CU EYF6CU	M.RESISTOR CH 1/16W 2.2K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 2.2K M.RESISTOR CH 1/16W 330 M.RESISTOR CH 1/16W 1K M.RESISTOR CH 1/16W 1K M.RESISTOR CH 1/16W 1K M.RESISTOR CH 1/16W 1K M.RESISTOR CH 1/16W 1K TESTPOINT THERMISTOR TEST POINT TEST POINT TEST POINT TEST POINT TEST POINT MISCELLANEOUS RF SHEILD CASE (UPPER)	2 1 16 4 4 1 1 1 1 1 1 8 1 4 4 4 4 1 1 1 4 4 4 4	D4CC11030006
R420-35 R436-39 R440-43 R500 R502 R504 R506 R508-15 TG400 TH400-03 TP100-03 TP400-03	ERJ3GEYJ222 ERJ3GEYJ103 ERJ3GEYJ222 ERJ3GEYJ331 ERJ3GEYG102 ERJ3GEYG102 ERJ3GEYG102 ERJ3GEYG102 EXB24V105J EYF6CU VRT0139K103 EYF6CU EYF6CU EYF6CU EYF6CU	M.RESISTOR CH 1/16W 2.2K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 2.2K M.RESISTOR CH 1/16W 330 M.RESISTOR CH 1/16W 1K M.RESISTOR CH 1/16W 1K M.RESISTOR CH 1/16W 1K M.RESISTOR CH 1/16W 1K M.RESISTOR CH 1/16W 1K TEST POINT THERMISTOR THERMISTOR TEST POINT TEST POINT TEST POINT TEST POINT TEST POINT TEST POINT TEST POINT TEST POINT	2 1 16 4 4 1 1 1 1 1 8 1 4 4 4 4 4 1 1 1 1 4 4 4 4	D4CC11030006
R420-35 R436-39 R440-43 R500 R502 R504 R506 R508-15 TG400 TH400-03 TP100-03 TP400-03	ERJ3GEYJ222 ERJ3GEYJ103 ERJ3GEYJ222 ERJ3GEYJ222 ERJ3GEYJ331 ERJ3GEYG102 ERJ3GEYG102 ERJ3GEYG102 ERJ3GEYG102 EXB24V105J EYF6CU VRT0139K103 EYF6CU EYF6CU EYF6CU EYF6CU	M.RESISTOR CH 1/16W 2.2K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 2.2K M.RESISTOR CH 1/16W 330 M.RESISTOR CH 1/16W 1K M.RESISTOR CH 1/16W 1K M.RESISTOR CH 1/16W 1K M.RESISTOR CH 1/16W 1K M.RESISTOR CH 1/16W 1K TESTPOINT THERMISTOR TEST POINT TEST POINT TEST POINT TEST POINT TEST POINT MISCELLANEOUS RF SHEILD CASE (UPPER)	2 1 16 4 4 1 1 1 1 1 1 8 1 4 4 4 4 1 1 1 4 4 4 4	D4CC11030006
R420-35 R436-39 R440-43 R500 R502 R504 R506 R508-15 TG400 TH400-03 TP100-03 TP400-03	ERJ3GEYJ222 ERJ3GEYJ103 ERJ3GEYJ222 ERJ3GEYJ222 ERJ3GEYJ331 ERJ3GEYG102 ERJ3GEYG102 ERJ3GEYG102 ERJ3GEYG102 EXB24V105J EYF6CU VRT0139K103 EYF6CU EYF6CU EYF6CU EYF6CU	M.RESISTOR CH 1/16W 2.2K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 2.2K M.RESISTOR CH 1/16W 330 M.RESISTOR CH 1/16W 1K M.RESISTOR CH 1/16W 1K M.RESISTOR CH 1/16W 1K M.RESISTOR CH 1/16W 1K M.RESISTOR CH 1/16W 1K TESTPOINT THERMISTOR TEST POINT TEST POINT TEST POINT TEST POINT TEST POINT MISCELLANEOUS RF SHEILD CASE (UPPER)	2 1 16 4 4 1 1 1 1 1 1 8 1 4 4 4 4 1 1 1 4 4 4 4	D4CC11030006
R420-35 R436-39 R440-43 R500 R502 R504 R506 R508-15 TG400 TH400-03 TP100-03 TP400-03	ERJ3GEYJ222 ERJ3GEYJ103 ERJ3GEYJ222 ERJ3GEYJ222 ERJ3GEYJ331 ERJ3GEYG102 ERJ3GEYG102 ERJ3GEYG102 ERJ3GEYG102 EXB24V105J EYF6CU VRT0139K103 EYF6CU EYF6CU EYF6CU EYF6CU	M.RESISTOR CH 1/16W 2.2K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 2.2K M.RESISTOR CH 1/16W 330 M.RESISTOR CH 1/16W 1K M.RESISTOR CH 1/16W 1K M.RESISTOR CH 1/16W 1K M.RESISTOR CH 1/16W 1K M.RESISTOR CH 1/16W 1K TESTPOINT THERMISTOR TEST POINT TEST POINT TEST POINT TEST POINT TEST POINT MISCELLANEOUS RF SHEILD CASE (UPPER)	2 1 16 4 4 1 1 1 1 1 1 8 1 4 4 4 4 1 1 1 4 4 4 4	D4CC11030006
R420-35 R436-39 R440-43 R500 R502 R504 R506 R508-15 TG400 TH400-03 TP100-03 TP400-03	ERJ3GEYJ222 ERJ3GEYJ103 ERJ3GEYJ222 ERJ3GEYJ222 ERJ3GEYJ331 ERJ3GEYG102 ERJ3GEYG102 ERJ3GEYG102 ERJ3GEYG102 EXB24V105J EYF6CU VRT0139K103 EYF6CU EYF6CU EYF6CU EYF6CU	M.RESISTOR CH 1/16W 2.2K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 2.2K M.RESISTOR CH 1/16W 330 M.RESISTOR CH 1/16W 1K M.RESISTOR CH 1/16W 1K M.RESISTOR CH 1/16W 1K M.RESISTOR CH 1/16W 1K M.RESISTOR CH 1/16W 1K TESTPOINT THERMISTOR TEST POINT TEST POINT TEST POINT TEST POINT TEST POINT MISCELLANEOUS RF SHEILD CASE (UPPER)	2 1 16 4 4 1 1 1 1 1 1 8 1 4 4 4 4 1 1 1 4 4 4 4	D4CC11030006
R420-35 R436-39 R440-43 R500 R502 R504 R506 R508-15 TG400 TH400-03 TP100-03 TP400-03	ERJ3GEYJ222 ERJ3GEYJ103 ERJ3GEYJ222 ERJ3GEYJ222 ERJ3GEYJ331 ERJ3GEYG102 ERJ3GEYG102 ERJ3GEYG102 ERJ3GEYG102 EXB24V105J EYF6CU VRT0139K103 EYF6CU EYF6CU EYF6CU EYF6CU	M.RESISTOR CH 1/16W 2.2K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 2.2K M.RESISTOR CH 1/16W 330 M.RESISTOR CH 1/16W 1K M.RESISTOR CH 1/16W 1K M.RESISTOR CH 1/16W 1K M.RESISTOR CH 1/16W 1K M.RESISTOR CH 1/16W 1K TESTPOINT THERMISTOR TEST POINT TEST POINT TEST POINT TEST POINT TEST POINT MISCELLANEOUS RF SHEILD CASE (UPPER)	2 1 16 4 4 1 1 1 1 1 1 8 1 4 4 4 4 1 1 1 4 4 4 4	D4CC11030006
R420-35 R436-39 R440-43 R500 R502 R504 R506 R508-15 TG400 TH400-03 TP100-03 TP400-03	ERJ3GEYJ222 ERJ3GEYJ103 ERJ3GEYJ222 ERJ3GEYJ222 ERJ3GEYJ331 ERJ3GEYG102 ERJ3GEYG102 ERJ3GEYG102 ERJ3GEYG102 EXB24V105J EYF6CU VRT0139K103 EYF6CU EYF6CU EYF6CU EYF6CU	M.RESISTOR CH 1/16W 2.2K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 2.2K M.RESISTOR CH 1/16W 330 M.RESISTOR CH 1/16W 1K M.RESISTOR CH 1/16W 1K M.RESISTOR CH 1/16W 1K M.RESISTOR CH 1/16W 1K M.RESISTOR CH 1/16W 1K TESTPOINT THERMISTOR TEST POINT TEST POINT TEST POINT TEST POINT TEST POINT MISCELLANEOUS RF SHEILD CASE (UPPER)	2 1 16 4 4 1 1 1 1 1 1 8 1 4 4 4 4 1 1 1 4 4 4 4	D4CC11030006

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
■ E14	VEP87104B	RF EQ P.C.BOARD	1	(RTL)
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C1,C2	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C4	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C6-10	ECUX1E104ZFV ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.1U	5	
C12-15 C100	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 50V 1500P	1	
C100	ECUX1H152KBV	C.CAPACITOR CH 50V 1500P	1	
C101	ECUX1H4703CV ECUX1C104KBV	C.CAPACITOR CH 50V 47P	1	
C102	ECUX1H680JCV	C.CAPACITOR CH 16V 0.10	1	
C103	ECUX1F104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C106-09	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	4	
C110-12	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C113	ECUX1H820JCV	C.CAPACITOR CH 50V 82P	1	
C114,15	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C116,17	ECUX1H102JCV	C.CAPACITOR CH 50V 1000P	2	
C118	ECUX1H471JCV	C.CAPACITOR CH 50V 470P	1	
C119	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
C120	ECUX1H470JCV	C.CAPACITOR CH 50V 47P	1	
C121	ECUX1H560JCV	C.CAPACITOR CH 50V 56P	1	
C122,23	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C150	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C151	ECUM1C224KBN		1	
C152-58	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	7	
C160-72	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	13	
C174-77	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	4	
C184	ECUX1C333KBV	C.CAPACITOR CH 16V 0.033U	1	
C185	ECUX1H152KBV	C.CAPACITOR CH 50V 1500P	1	
C250	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C251	ECUM1C224KBN	C.CAPACITOR CH 16V 0.22U	1	
C252-58	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	7	
C260-72	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	13	
C274,75	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C276	ECUX1H152KBV	C.CAPACITOR CH 50V 1500P	1	
C300	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C301	ECUM1C224KBN	C.CAPACITOR CH 16V 0.22U	1	
C302-08	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	7	
C310-22	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	13	
C326,27	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C328	ECUX1C333KBV	C.CAPACITOR CH 16V 0.033U	1	
C329	ECUX1H152KBV	C.CAPACITOR CH 50V 1500P	1	
C350	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C351	ECUM1C224KBN	C.CAPACITOR CH 16V 0.22U	1	
C352-58	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	7	
C360-74	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	15	
C375	ECUX1H152KBV	C.CAPACITOR CH 50V 1500P	1	
C400,01	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	2	
C402	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C404,05		C.CAPACITOR CH 16V 0.1U	2	
C406		C.CAPACITOR CH 50V 100P	1	
C407	ECUX1H152KBV		1	
C408	ECUX1C104KBV		1	
C409	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C411-14	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	4	
C415	ECUX1H150JCV	C.CAPACITOR CH 50V 15P	1	
C416	ECUX1H820JCV	C.CAPACITOR CH 50V 82P	1	
C417	ECUX1H100DCV	C.CAPACITOR CH 50V 10P	1	
C418	ECUX1H221JCV	C.CAPACITOR CH 50V 220P	1	
C419-23	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	5	
C424	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C426,27	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	2	
C428	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C429	ECUX1H152KBV		1	
C430	ECUX1C104KBV		1	
C431	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C433-36	ECUX1C104KBV		4	
C437	ECUX1H150JCV	C.CAPACITOR CH 50V 15P	1	
C438		C.CAPACITOR CH 50V 82P	1	
C439	ECUX1H100DCV		1	
C440	ECUX1H221JCV	C.CAPACITOR CH 50V 220P		
C441-45		C.CAPACITOR CH 16V 0.1U	5	
C446 C448,49		C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 16V 0.1U	2	
C448,49 C450	ECUX1C104KBV	C.CAPACITOR CH 16V 0.10 C.CAPACITOR CH 50V 100P	1	
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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C451	ECUX1H152KBV	C.CAPACITOR CH 50V 1500P	1	
C452	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
C453 C455-58	ECUX1E104ZFV ECUX1C104KBV	C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 16V 0.1U	4	
C459	ECUX1H150JCV	C.CAPACITOR CH 50V 15P	1	
C460	ECUX1H820JCV	C.CAPACITOR CH 50V 82P	1	
C461	ECUX1H100DCV	C.CAPACITOR CH 50V 10P	1	
C462	ECUX1H221JCV	C.CAPACITOR CH 50V 220P	1	
C463-67 C468	ECUX1C104KBV ECUX1E104ZFV	C.CAPACITOR CH 16V 0.1U C.CAPACITOR CH 25V 0.1U	5 1	
C470,71	ECUX1C104ZIV	C.CAPACITOR CH 16V 0.1U	2	
C472	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C473	ECUX1H152KBV	C.CAPACITOR CH 50V 1500P	1	
C474	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
C475 C477-80	ECUX1E104ZFV ECUX1C104KBV	C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 16V 0.1U	4	
C481	ECUX1H150JCV	C.CAPACITOR CH 50V 15P	1	
C482	ECUX1H820JCV	C.CAPACITOR CH 50V 82P	1	
C483	ECUX1H100DCV	C.CAPACITOR CH 50V 10P	1	
C484	ECUX1H221JCV	C.CAPACITOR CH 50V 220P	1	
C485-87 C488	ECUX1C104KBV ECUX1E104ZFV	C.CAPACITOR CH 16V 0.1U C.CAPACITOR CH 25V 0.1U	1	
C489	ECST1CY225Z	T.CAPACITOR CH 16V 2.2U	1	
C490	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C491	ECST1CY225Z	T.CAPACITOR CH 16V 2.2U	1	
C492	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C493 C494	ECST1CY225Z ECUX1E104ZFV	T.CAPACITOR CH 16V 2.2U C.CAPACITOR CH 25V 0.1U	1	
C495	ECST1CY225Z	T.CAPACITOR CH 16V 2.2U	1	
C550-52	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C660	ECUX1H221JCV	C.CAPACITOR CH 50V 220P	1	
C661	ECUX1H121JCV	C.CAPACITOR CH 50V 120P	1	
C662 C663	ECUX1H221JCV ECUX1H121JCV	C.CAPACITOR CH 50V 220P C.CAPACITOR CH 50V 120P	1	
C664	ECUX1H221JCV	C.CAPACITOR CH 50V 220P	1	
C665	ECUX1H121JCV	C.CAPACITOR CH 50V 120P	1	
C666	ECUX1H221JCV	C.CAPACITOR CH 50V 220P	1	
C667	ECUX1H121JCV	C.CAPACITOR CH 50V 120P	1	
C668-77 C680,81	ECUX1E104ZFV ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.1U	10	
C684	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C687-89	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C690,91	ECST1AY106Z	T.CAPACITOR CH 10V 10U	2	
C760	ECUX1H221JCV	C.CAPACITOR CH 50V 220P	1	
C761 C762	ECUX1H121JCV ECUX1H221JCV	C.CAPACITOR CH 50V 120P C.CAPACITOR CH 50V 220P	1	
C763	ECUX1H121JCV	C.CAPACITOR CH 50V 120P	1	
C764	ECUX1H221JCV	C.CAPACITOR CH 50V 220P	1	
C765		C.CAPACITOR CH 50V 120P	1	
C766		C.CAPACITOR CH 50V 220P	1	
C767 C768-76		C.CAPACITOR CH 50V 120P C.CAPACITOR CH 25V 0.1U	9	
C778	ECUX1H121JCV		1	
C780		C.CAPACITOR CH 50V 120P	1	
C782		C.CAPACITOR CH 50V 120P	1	
C784		C.CAPACITOR CH 50V 120P C.CAPACITOR CH 25V 0.1U	4	
C789-92 C820		C.CAPACITOR CH 25V 0.1U	1	
C821		C.CAPACITOR CH 25V 0.1U	1	
C822	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
C823,24	ECST1AY475	T.CAPACITOR CH 10V 4.7U	2	
C825 C826		C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 16V 0.22U	1	
C826 C827		C.CAPACITOR CH 16V 0.22U	1	
C828		C.CAPACITOR CH 16V 0.1U	1	
C829,30	ECST1AY475	T.CAPACITOR CH 10V 4.7U	2	
C831		C.CAPACITOR CH 25V 0.1U	1	
C832 C833		C.CAPACITOR CH 16V 0.22U C.CAPACITOR CH 25V 0.1U	1	
C834		C.CAPACITOR CH 25V 0.1U	1	
C835,36	ECST1AY475	T.CAPACITOR CH 10V 4.7U	2	
C837		C.CAPACITOR CH 25V 0.1U	1	
C838		C.CAPACITOR CH 16V 0.22U	1	
C839 C840	ECUX1E104ZFV ECUX1C104KBV	C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 16V 0.1U	1	
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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C841,42	ECST1AY475	T.CAPACITOR CH 10V 4.7U	2	
C843-54	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	12	
C855-58	ECUX1H220JCV	C.CAPACITOR CH 50V 22P	4	
C941,42	ECST1AY475	T.CAPACITOR CH 10V 4.7U	2	
C943	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
C944	ECUM1C105KBM	C.CAPACITOR CH 16V 1U	1	
C946	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C947	ECUM1C105KBM	C.CAPACITOR CH 16V 1U	1	
C949,50	ECST1AY475	T.CAPACITOR CH 10V 4.7U	2	
C951	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
C952	ECUM1C105KBM	C.CAPACITOR CH 16V 1U	1	
C954	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C955	ECUM1C105KBM	C.CAPACITOR CH 16V 1U	1	
C956	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C958,59	ECST1AY475	T.CAPACITOR CH 10V 4.7U	2	
C960	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
C961	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C962	ECUM1C105KBM	C.CAPACITOR CH 16V 1U	1	
C964	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C965	ECUM1C105KBM	C.CAPACITOR CH 16V 1U	1	
C967,68	ECST1AY475	T.CAPACITOR CH 10V 4.7U	2	
C969	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
C970	ECUM1C105KBM	C.CAPACITOR CH 16V 1U	1	
C970	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C972 C973	ECUM1C105KBM	C.CAPACITOR CH 25V 0.10	1	
C973 C974-77	ECUX1E104ZFV	C.CAPACITOR CH 16V 10	4	
C974-77	ECST1CX106Z	T.CAPACITOR CH 25V 0.10	1	
C3002	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C3003	ECST1CX106Z	T.CAPACITOR CH 16V 10U	1	
C3004-07	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	4	
C3008	ECST1CX106Z	T.CAPACITOR CH 16V 10U	1	
C3009-12	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	4	
C3013,14	ECST1AC476R	T.CAPACITOR CH 10V 47U	2	
C3015	ECST1EC106Z	T.CAPACITOR CH 25V 10U	1	
C3016-18	ECST1CC336Z	T.CAPACITOR CH 16V 33U	3	
C3019-24	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	6	
C3025	ECST1CX106Z	T.CAPACITOR CH 16V 10U	1	
C3026	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C3027,28	ECST1CX106Z	T.CAPACITOR CH 16V 10U	2	
C3029-41	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	13	
C3046-49	ECST1AY106Z	T.CAPACITOR CH 10V 10U	4	
C3050	ECST1CX106Z	T.CAPACITOR CH 16V 10U	1	
C3051-55	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	5	
C3104-06	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C3109	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C3111-13	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C3201-04	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	4	
C3301-12	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	12	
C3401-04		C.CAPACITOR CH 25V 0.1U	4	
D102	MA704	DIODE	1	
D150	MA704	DIODE	1	
D250	MA704	DIODE	1	
D300	MA704	DIODE	1	
D350	MA704	DIODE	1	
D660	MA142K	DIODE	1	
D3001	SFPB-76V	DIODE	1	
D3001 D3401-08	SFPB-76V SFPB-76V	DIODE	8	
D3401-08	SFPB-76V	DIODE		
F1	\" = 40.000	EII TED	<u> </u>	
FL3001	VLF1016A223	FILTER	1	
IC1	TC7W32FU	IC	1	
IC2	C0JBAB000196	IC	1	
IC3	TVHC21FT	IC	1	
IC4	TVHC08FT	IC	1	
IC6	TVHC244FT	IC	1	
IC7	TVHC125FT	ic	1	
IC8	TC7W125FU	IC	1	
IC9	TVHC244FT	IC	1	
IC11	TC7W125FU	IC	1	
IC12	TC7W241FU	IC	1	
IC15	VSI3508	IC	1	
IC100	THC4052FT	IC	1	
IC102	TC4W53FU	IC	1	
IC104	UPC1663G	IC	1	C1CB00000329
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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
IC105	NJM1496V	IC	1	
IC106 IC107	TA75S558F TA75S393F	IC IC	1	
IC107	NVHC221FT	IC IC	1	
IC109	TC7W74FU	IC	1	
IC110-13	TC4W53FU	IC	4	
IC150	MN673796	IC	1	
IC151	NJM062V	IC	1	
IC250	MN673796	IC	1	
IC300 IC350	MN673796 MN673796	IC	1	
IC400-03	UPC1663G	IC		C1CB00000329
IC550	M62370GP	IC	1	C0FBBD000082
IC551-54	THC4053FT	IC	4	
IC555	THC4052FT	IC	1	
IC660	NVHC32FT	IC	1	
IC669 IC700	NJM064V NJM064V	IC IC	1	
IC700	TVHT08FT	IC	1	
IC704	C0JBAA000099	IC	1	
IC705	S80715ANDC	IC	1	
IC706	TVS1129	IC	1	C0JBAZ000525
IC760	NVHC32FT	IC	1	
IC761	NJM064V	IC IC	1	
IC772 IC820	TVHT04FT NVHC00FT	IC	1	
IC821	NVHC00FT NVHC02FT	IC	1	
IC822	NVHC125FT	IC	1	
IC823	TVHT08FT	IC	1	
IC824,25	UPC1663G	IC	2	C1CB00000329
IC826	NVHC125FT	IC	1	
IC827,28	UPC1663G	IC	├	C1CB00000329
IC829,30 IC940	NVHC125FT TC7SH32FU	IC IC	1	
IC941	TC7SH00FU	IC	1	
IC3001	LT1129CST5	IC	1	
IC3002	LT1175CS8	IC	1	
IC3003	LT1129CS8	IC	1	
IC3004-07 IC3008	XC62FP2902PR XC62FP3002M	IC IC	1	
IC3201	TVHC161FT	IC	1	
IC3202	TC7W241FU	IC	1	
IC3203	TVHC157FT	IC	1	
IC3204	TC7SH02FU	IC	1	
J1,J2	VJR1094	TERMINAL	2	
L100	VLQ0133J821	COIL 820UH	1	
L101	VLQ0163J270	COIL 27UH	1	
L102	VLQ0133J821	COIL 820UH	1	
L401	VLQ0163J5R6	COIL 5.6UH	1	
L402	VLQ0163J1R0	COIL 1UH		G1C1R0J00008
L403	VLQ0163JR47	COIL 0.47UH		G1CR47J00004
L405 L406	VLQ0163J5R6 VLQ0163J1R0	COIL 5.6UH COIL 1UH	1	G1C1R0J00008
L406	VLQ0163JR47	COIL 0.47UH		G1CR47J00004
L409	VLQ0163J5R6	COIL 5.6UH	1	
L410	VLQ0163J1R0	COIL 1UH	_1	G1C1R0J00008
L411	VLQ0163JR47	COIL 0.47UH	+	G1CR47J00004
L413	VLQ0163J5R6	COIL 5.6UH	1	040400 100000
L414 L415	VLQ0163J1R0 VLQ0163JR47	COIL 1UH COIL 0.47UH		G1C1R0J00008 G1CR47J00004
L940-47	VLQ01633K47 VLQ0319K100	COIL 10UH	+	G1C100K00023
L3001	VLQ0319K100	COIL 10UH	+	G1C100K00023
L3002-05	VLQ0916N100	COIL 10UH	4	
P1	VJS3978C100A	CONNECTOR (FEMALE)	1	
P2	VJP4395D012	CONNECTOR (MALE)	1	
P3	VJS3791B050 VJS3791D040	CONNECTOR (FEMALE) CONNECTER (FEMALE)	1	K1MN40B00003
P5	VJP3125B008	CONNECTOR (MALE)	1	
P820-23	VJP3358C012	CONNECTOR (MALE)		K1KA12A00138
Q100,01	2SC3930	TRANSISTOR	2	
Q150,51	2SA1532-B	TRANSISTOR	2	
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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
Q152	2SC3935	TRANSISTOR	1	
Q250,51	2SA1532-B	TRANSISTOR	2	
Q252	2SC3935	TRANSISTOR	1	
Q300,01	2SA1532-B	TRANSISTOR	2	
Q302	2SC3935	TRANSISTOR	1	
Q350,51	2SA1532-B	TRANSISTOR	2	
Q352	2SC3935	TRANSISTOR	1	
Q400,01	2SC3935	TRANSISTOR	2	
Q402,03	2SC3930	TRANSISTOR	2	
Q404	2SA1532-B	TRANSISTOR	1	
Q405-07	2SC3930	TRANSISTOR	3	
Q408,09	2SC3935	TRANSISTOR	2	
Q410,11	2SC3930	TRANSISTOR	2	
Q412	2SA1532-B	TRANSISTOR	1	
Q413-15	2SC3930	TRANSISTOR	3	
Q416,17	2SC3935	TRANSISTOR	2	
Q418,19	2SC3930	TRANSISTOR	2	
Q420	2SA1532-B	TRANSISTOR	1	
Q421-23	2SC3930	TRANSISTOR	3	
Q424,25	2SC3935	TRANSISTOR TRANSISTOR	2	
Q426,27	2SC3930		2	
Q428	2SA1532-B	TRANSISTOR	1	
Q429-31	2SC3930	TRANSISTOR	3	
Q660-63 Q760-67	2SB1218A-R 2SB1218A-R	TRANSISTOR TRANSISTOR	8	
Q820,21	2SC3935	TRANSISTOR	1	
Q822 Q823,24	2SB1218A-R	TRANSISTOR	2	
Q823,24 Q825	2SC3935 2SB1218A-R	TRANSISTOR TRANSISTOR	1	
			-	
Q826,27 Q828	2SC3935 2SB1218A-R	TRANSISTOR TRANSISTOR	1	
Q829,30	2SC3935	TRANSISTOR	2	
Q831	2SB1218A-R	TRANSISTOR	1	
Q940	2SA1532-B	TRANSISTOR	1	
Q941	2SC3935	TRANSISTOR	1	
Q942	2SC2954	TRANSISTOR	1	
Q943	2SA1532-B	TRANSISTOR	1	
Q944,45	2SC2954	TRANSISTOR	2	
Q946	2SC3935	TRANSISTOR	1	
Q947	2SA1532-B	TRANSISTOR	1	
Q948	2SC3935	TRANSISTOR	1	
Q949	2SC2954	TRANSISTOR	1	
Q950	2SA1532-B	TRANSISTOR	1	
Q951,52	2SC2954	TRANSISTOR	2	
Q953	2SC3935	TRANSISTOR	1	
Q954	2SA1532-B	TRANSISTOR	1	
Q955	2SC3935	TRANSISTOR	1	
Q956	2SC2954	TRANSISTOR	1	
Q957	2SA1532-B	TRANSISTOR	1	
Q958,59	2SC2954	TRANSISTOR	2	
Q960	2SC3935	TRANSISTOR	1	
Q961	2SA1532-B	TRANSISTOR	1	
Q962	2SC3935	TRANSISTOR	1	
Q963	2SC2954	TRANSISTOR	1	
Q964	2SA1532-B	TRANSISTOR	1	
Q965,66	2SC2954	TRANSISTOR	2	
Q967	2SC3935	TRANSISTOR	1	
Q3001-03	HAT1033T	TRANSISTOR	3	
Q3004	2SB1218A-R	TRANSISTOR	1	
Q3005	HAT2042T	TRANSISTOR	1	
Q3006	HAT1033T	TRANSISTOR	1	
Q3007	2SB1218A-R	TRANSISTOR	1	
Q3008	HAT2042T	TRANSISTOR	1	
Q3101-03	HAT1033T	TRANSISTOR	3	
Q3106	2SB1218A-R	TRANSISTOR	1	
Q3107	HAT2042T	TRANSISTOR	1	
Q3109,10	2SB1218A-R	TRANSISTOR	2	
Q3111,12	HAT2042T	TRANSISTOR	2	
Q3114	HAT1033T	TRANSISTOR	1	
Q3301	HAT1033T	TRANSISTOR	1	
Q3302	2SB1218A-R	TRANSISTOR	1	
Q3303	HAT2042T	TRANSISTOR	1	
Q3304,05	HAT1033T	TRANSISTOR	2	
Q3306	2SB1218A-R	TRANSISTOR	1	
Q3307	HAT2042T	TRANSISTOR	1	
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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
Q3308,09	HAT1033T	TRANSISTOR	2	
Q3310	2SB1218A-R	TRANSISTOR	1	
Q3311	HAT2042T	TRANSISTOR	1	
Q3312,13	HAT1033T	TRANSISTOR	2	
Q3314	2SB1218A-R	TRANSISTOR	1	
Q3315	HAT2042T	TRANSISTOR	1	
Q3316	HAT1033T	TRANSISTOR	1	
Q3401-08	HAT1033T	TRANSISTOR	8	
QR100	UN5213	TRANSISTOR-RESISTOR	1	
QR661,62	UN5213	TRANSISTOR-RESISTOR	2	
QR760	UN5213	TRANSISTOR-RESISTOR	1	
QR761	UN5113	TRANSISTOR-RESISTOR	1	
QR762,63	UN5213	TRANSISTOR-RESISTOR	2	
QR820-23	UN5213	TRANSISTOR-RESISTOR	4	
QR3001-04	UN5213	TRANSISTOR-RESISTOR	4	
QR3101-04	UN5213	TRANSISTOR-RESISTOR	4	
QR3109	UN5213	TRANSISTOR-RESISTOR	1	
QR3201,02	UN5213	TRANSISTOR-RESISTOR	2	
QR3301-08 QR3401-08	UN5213 UN5213	TRANSISTOR-RESISTOR TRANSISTOR-RESISTOR	8	
Q1\3401-00	0103213	TIVANOIOTOR-NEGIOTOR		
R1-R5	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	5	
R6,R7	EXB24V332J	COMBI.R-R 3.3K	2	
R8,R9	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	2	
R10,11	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	2	
R12-14	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	3	
R15,16	EXB24V105J	COMBI.R-R 1M	2	
R17,18	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	2	
R19-26	EXB24V105J	COMBI.R-R 1M	8	
R27,28	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	2	
R29,30	EXB24V332J	COMBI.R-R 3.3K	2	
R31	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	1	
R32,33	EXB24V332J ERJ3GEYJ105	COMBI.R-R 3.3K M.RESISTOR CH 1/16W 1M	1	
R36	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	1	
R38-47	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	10	
R48	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R49-56	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	8	
R57-64	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	8	
R65	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R66	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
R67	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R68	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R81	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R90	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R102-09 R110	ERJ6GEY0R00 ERJ3GEYG472	M.RESISTOR CH 1/10W 0 M.RESISTOR CH 1/16W 4.7K	1	
R111	ERJ3GEYJ470	M.RESISTOR CH 1/16W 4.7K M.RESISTOR CH 1/16W 47	1	
R112,13	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R114	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R115,16	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	2	
R117	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
R118,19	ERJ3GEYG471	M.RESISTOR CH 1/16W 470	2	
R120,21	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R122-24	ERJ3GEYJ560	M.RESISTOR CH 1/16W 56	3	
R125	ERJ3RBD152	M.RESISTOR CH 1/16W 1.5K	1	
R126,27	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R128	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R129 R130	ERJ3GEYJ560 ERJ3GEYG822	M.RESISTOR CH 1/16W 56 M.RESISTOR CH 1/16W 8.2K	1	
R131	ERJ3RBD391	M.RESISTOR CH 1/16W 8.2K	1	
R132	ERJ3RBD332	M.RESISTOR CH 1/16W 3.3K	1	
R133	ERJ3RBD183	M.RESISTOR CH 1/16W 18K	1	
R134	ERJ3RBD332	M.RESISTOR CH 1/16W 3.3K	1	
R135	ERJ3RBD153	M.RESISTOR CH 1/16W 15K	1	
R136	ERJ3GEYJ182	M.RESISTOR CH 1/16W 1.8K	1	
R137	ERJ3RBD472	M.RESISTOR CH 1/16W 4.7K	1	
R138	ERJ3RBD272	M.RESISTOR CH 1/16W 2.7K	1	
R141	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R142	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R143	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R144,45	ERJ3GEYJ272	M.RESISTOR CH 1/16W 2.7K	2	
R146 R149	ERJ3GEY0R00 ERJ3GEYJ470	M.RESISTOR CH 1/16W 0 M.RESISTOR CH 1/16W 47	1	
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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R151	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
R154	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R155	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	. 1	
R156	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R157	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R158,59	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	2	
R160	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
R163	ERJ3GEYJ331	M.RESISTOR CH 1/16W 330	1	
R164	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R165	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
R166	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R175-77	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	3	
R181	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R182	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R183	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R184	ERJ3GEYJ273	M.RESISTOR CH 1/16W 27K	1	
R185	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R186	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R187	ERJ3GEYJ151	M.RESISTOR CH 1/16W 150	1	
R188,89	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	2	
R190	ERJ3GEYJ391	M.RESISTOR CH 1/16W 390	1	
R191	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R192	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	1	
R192	ERJ3GEYJ681	M.RESISTOR CH 1/16W 1.2K	1	
R193	ERJ3GEY0R00	M.RESISTOR CH 1/16W 680	1	
R196	ERJ3GEYJ272	M.RESISTOR CH 1/16W 2.7K	1	
R210	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R211	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R212	ERJ3GEYJ331	M.RESISTOR CH 1/16W 330	1	
R213,14	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	2	
R223	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R251	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
R254	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R255	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R256	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R257	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R258,59	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	2	
R260	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
R261	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R263	ERJ3GEYJ331	M.RESISTOR CH 1/16W 330	1	
R264	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R265	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
R266	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R271	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R275-77	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	3	
R287	ERJ3GEYJ151	M.RESISTOR CH 1/16W 150	1	
R288,89	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	2	
R290	ERJ3GEYJ391	M.RESISTOR CH 1/16W 390	1	
R290 R291	ERJ3GEYG102	M.RESISTOR CH 1/16W 390 M.RESISTOR CH 1/16W 1K	1	
			1	
R292	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	 -	
R293	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
R294	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R296	ERJ3GEYJ272	M.RESISTOR CH 1/16W 2.7K	1	
R297	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R301	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
R304	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R305	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R306	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R307	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R308,09	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	2	
R310	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R312	EKJ3GETGT02			
R312 R313	ERJ3GEYJ331	M.RESISTOR CH 1/16W 330	1	
		M.RESISTOR CH 1/16W 330 M.RESISTOR CH 1/16W 4.7K	1	
R313	ERJ3GEYJ331			
R313 R314	ERJ3GEYJ331 ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R313 R314 R315	ERJ3GEYJ331 ERJ3GEYG472 ERJ3GEYG152	M.RESISTOR CH 1/16W 4.7K M.RESISTOR CH 1/16W 1.5K	1	
R313 R314 R315 R316	ERJ3GEYJ331 ERJ3GEYG472 ERJ3GEYG152 ERJ3GEY0R00	M.RESISTOR CH 1/16W 4.7K M.RESISTOR CH 1/16W 1.5K M.RESISTOR CH 1/16W 0	1 1	
R313 R314 R315 R316 R321	ERJ3GEYJ331 ERJ3GEYG472 ERJ3GEYG152 ERJ3GEY0R00 ERJ3GEYJ470	M.RESISTOR CH 1/16W 4.7K M.RESISTOR CH 1/16W 1.5K M.RESISTOR CH 1/16W 0 M.RESISTOR CH 1/16W 47	1 1 1	
R313 R314 R315 R316 R321 R325-27 R333	ERJ3GEYJ331 ERJ3GEYG472 ERJ3GEYG152 ERJ3GEY0R00 ERJ3GEYJ470 ERJ3GEY0R00 ERJ3GEY0R00	M.RESISTOR CH 1/16W 4.7K M.RESISTOR CH 1/16W 1.5K M.RESISTOR CH 1/16W 0 M.RESISTOR CH 1/16W 47 M.RESISTOR CH 1/16W 0 M.RESISTOR CH 1/16W 0 M.RESISTOR CH 1/16W 0	1 1 1 1 3	
R313 R314 R315 R316 R321 R325-27 R333 R334	ERJ3GEYJ331 ERJ3GEYG472 ERJ3GEYG152 ERJ3GEYOR00 ERJ3GEYJ470 ERJ3GEYOR00 ERJ3GEYOR00 ERJ3GEYJ273	M.RESISTOR CH 1/16W 4.7K M.RESISTOR CH 1/16W 1.5K M.RESISTOR CH 1/16W 0 M.RESISTOR CH 1/16W 47 M.RESISTOR CH 1/16W 0 M.RESISTOR CH 1/16W 0 M.RESISTOR CH 1/16W 27K	1 1 1 1 3 1	
R313 R314 R315 R316 R321 R325-27 R333 R334 R335	ERJ3GEYJ331 ERJ3GEYG472 ERJ3GEYG152 ERJ3GEY0R00 ERJ3GEYJ470 ERJ3GEY0R00 ERJ3GEY0R00 ERJ3GEYJ273 ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K M.RESISTOR CH 1/16W 1.5K M.RESISTOR CH 1/16W 0 M.RESISTOR CH 1/16W 47 M.RESISTOR CH 1/16W 0 M.RESISTOR CH 1/16W 0 M.RESISTOR CH 1/16W 27K M.RESISTOR CH 1/16W 27K M.RESISTOR CH 1/16W 4.7K	1 1 1 1 3 1 1	
R313 R314 R315 R316 R321 R325-27 R333 R334 R335 R336	ERJ3GEYJ331 ERJ3GEYG472 ERJ3GEYG152 ERJ3GEY0R00 ERJ3GEYJ470 ERJ3GEY0R00 ERJ3GEY0R00 ERJ3GEYJ273 ERJ3GEYG472 ERJ3GEYJ103	M.RESISTOR CH 1/16W 4.7K M.RESISTOR CH 1/16W 1.5K M.RESISTOR CH 1/16W 0 M.RESISTOR CH 1/16W 47 M.RESISTOR CH 1/16W 0 M.RESISTOR CH 1/16W 0 M.RESISTOR CH 1/16W 27K M.RESISTOR CH 1/16W 4.7K M.RESISTOR CH 1/16W 10K	1 1 1 1 3 1 1 1	
R313 R314 R315 R316 R321 R325-27 R333 R334 R335 R336 R337	ERJ3GEYJ331 ERJ3GEYG472 ERJ3GEYG152 ERJ3GEYOR00 ERJ3GEYJ470 ERJ3GEYOR00 ERJ3GEYOR00 ERJ3GEYJ273 ERJ3GEYG472 ERJ3GEYJ103 ERJ3GEYJ103 ERJ3GEYJ103	M.RESISTOR CH 1/16W 4.7K M.RESISTOR CH 1/16W 1.5K M.RESISTOR CH 1/16W 0 M.RESISTOR CH 1/16W 47 M.RESISTOR CH 1/16W 0 M.RESISTOR CH 1/16W 0 M.RESISTOR CH 1/16W 27K M.RESISTOR CH 1/16W 4.7K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 150	1 1 1 3 1 1 1 1	
R313 R314 R315 R316 R321 R325-27 R333 R334 R335 R336 R337 R338,39	ERJ3GEYJ331 ERJ3GEYG472 ERJ3GEYG162 ERJ3GEYOR00 ERJ3GEYJ470 ERJ3GEYOR00 ERJ3GEYOR00 ERJ3GEYJ273 ERJ3GEYJ472 ERJ3GEYJ103 ERJ3GEYJ103 ERJ3GEYJ470	M.RESISTOR CH 1/16W 4.7K M.RESISTOR CH 1/16W 1.5K M.RESISTOR CH 1/16W 0 M.RESISTOR CH 1/16W 47 M.RESISTOR CH 1/16W 0 M.RESISTOR CH 1/16W 0 M.RESISTOR CH 1/16W 27K M.RESISTOR CH 1/16W 4.7K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 150 M.RESISTOR CH 1/16W 150 M.RESISTOR CH 1/16W 47	1 1 1 1 3 1 1 1 1 1 1 2	
R313 R314 R315 R316 R321 R325-27 R333 R334 R335 R336 R337	ERJ3GEYJ331 ERJ3GEYG472 ERJ3GEYG152 ERJ3GEYOR00 ERJ3GEYJ470 ERJ3GEYOR00 ERJ3GEYOR00 ERJ3GEYJ273 ERJ3GEYG472 ERJ3GEYJ103 ERJ3GEYJ103 ERJ3GEYJ103	M.RESISTOR CH 1/16W 4.7K M.RESISTOR CH 1/16W 1.5K M.RESISTOR CH 1/16W 0 M.RESISTOR CH 1/16W 47 M.RESISTOR CH 1/16W 0 M.RESISTOR CH 1/16W 0 M.RESISTOR CH 1/16W 27K M.RESISTOR CH 1/16W 4.7K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 150	1 1 1 3 1 1 1 1	

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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R341	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R342	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	1	
R343	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
R344	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R346	ERJ3GEYJ272	M.RESISTOR CH 1/16W 2.7K	1	
R347	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R351	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
R354	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R355	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R356	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
			 	
R357	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R358,59	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	2	
R360	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
R361,62	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R363	ERJ3GEYJ331	M.RESISTOR CH 1/16W 330	1	
R364	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R365	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
R366	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R371	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R375-77	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	3	
R383	ERJ3GEYJ151	M.RESISTOR CH 1/16W 150	1	
R384,85	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	2	
R386	ERJ3GEYJ391	M.RESISTOR CH 1/16W 47	1	
			1	
R387	ERJ3GEYG102			
R388	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	1	
R389	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
R390	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R392	ERJ3GEYJ272	M.RESISTOR CH 1/16W 2.7K	1	
R393	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R400,01	ERJ3GEYG471	M.RESISTOR CH 1/16W 470	2	
R402	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R403,04	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R405	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R406	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R407	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R408	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
			1	
R409	ERJ3GEY0R00		<u></u>	
R410	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R411	ERJ3GEYG471	M.RESISTOR CH 1/16W 470	1	
R412	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R413	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R414	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R415	ERJ3GEYJ330	M.RESISTOR CH 1/16W 33	1	
R416	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R417	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R418	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R419	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R421,22	ERJ3GEYG471	M.RESISTOR CH 1/16W 470	2	
R423,24	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R425				
	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R426,27	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R428	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R429	ERJ3GEYJ182	M.RESISTOR CH 1/16W 1.8K	1	
R430	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R431	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R432,33	ERJ3GEYG471	M.RESISTOR CH 1/16W 470	2	
R434	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R435,36	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R437	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R438	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R439	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R440	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R441	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R442	ERJ3GEYJ470	M.RESISTOR CH 1/16W 0	1	
			1	
R443	ERJ3GEYG471	M.RESISTOR CH 1/16W 470		
R444	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R445	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R446	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R447	ERJ3GEYJ330	M.RESISTOR CH 1/16W 33	1	
R448	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R449	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R450	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R451	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R453,54	ERJ3GEYG471	M.RESISTOR CH 1/16W 470	2	
R455,56	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K		
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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R457	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R458,59	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R460	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R461	ERJ3GEYJ182	M.RESISTOR CH 1/16W 1.8K	1	
R462 R463	ERJ3GEYG332 ERJ3GEYJ470	M.RESISTOR CH 1/16W 3.3K M.RESISTOR CH 1/16W 47	1	
R464,65	ERJ3GEYG471	M.RESISTOR CH 1/16W 47	2	
R466	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R467,68	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R467,00 R469	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R470	ERJ3GEYG102	M.RESISTOR CH 1/16W 47	1	
R470	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R472	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R473	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R474	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R475	ERJ3GEYG471	M.RESISTOR CH 1/16W 470	1	
R476	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R477	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R478	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R479	ERJ3GEYJ330	M.RESISTOR CH 1/16W 33	1	
R480	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
	ERJ3GEYJ470			
R481		M.RESISTOR CH 1/16W 47 M.RESISTOR CH 1/16W 0	1	
R482	ERJ3GEY0R00 ERJ3GEYJ470		1	
R483			2	
R485,86	ERJ3GEYG471			
R487,88	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R489 R490,91	ERJ3GEYJ470 ERJ3GEYG102	M.RESISTOR CH 1/16W 47 M.RESISTOR CH 1/16W 1K	1 2	
	ERJ3GEY0R00			
R492		M.RESISTOR CH 1/16W 0	1	
R493	ERJ3GEYJ182	M.RESISTOR CH 1/16W 1.8K	1	
R494	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R495	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R496,97	ERJ3GEYG471	M.RESISTOR CH 1/16W 470 M.RESISTOR CH 1/16W 47	2	
R498	ERJ3GEYJ470		1	
R499,00	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K M.RESISTOR CH 1/16W 47	1	
R501 R502	ERJ3GEYJ470 ERJ3GEYG102	M.RESISTOR CH 1/16W 47 M.RESISTOR CH 1/16W 1K	1	
			1	
R503	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K M.RESISTOR CH 1/16W 47	1	
R504 R505	ERJ3GEYJ470 ERJ3GEY0R00	M.RESISTOR CH 1/16W 47 M.RESISTOR CH 1/16W 0	1	
R506	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R507	ERJ3GEYG471	M.RESISTOR CH 1/16W 470	1	
R508	ERJ3GEYG102	M.RESISTOR CH 1/16W 4/0	1	
R509	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R510	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R511	ERJ3GEYJ330	M.RESISTOR CH 1/16W 33	1	
R512	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R513	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R514	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R515	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R517,18	ERJ3GEYG471	M.RESISTOR CH 1/16W 470	2	
R517,16 R519,20	ERJ3GEYG102	M.RESISTOR CH 1/16W 4/0	2	
R521	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R522,23	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R524	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R525	ERJ3GEYJ182	M.RESISTOR CH 1/16W 1.8K	1	
R526	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R527	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R528-35	ERJ3GEYJ272	M.RESISTOR CH 1/16W 2.7K	8	
R550-52	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	3	
R553-55	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	3	
R557	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R559	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R561	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R563	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R660-79	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	20	
R680	ERJ3GEYG682	M.RESISTOR CH 1/16W 6.8K	1	
R681,82	ERJ3GEYJ153	M.RESISTOR CH 1/16W 15K	2	
R683	ERJ3GEYG682	M.RESISTOR CH 1/16W 6.8K	1	
R684-87	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	4	
R688	ERJ3GEYG682	M.RESISTOR CH 1/16W 10K	1	
R689,90	ERJ3GEYJ153	M.RESISTOR CH 1/16W 6.8K	2	
R691,92	ERJ3GEYG682	M.RESISTOR CH 1/16W 15K	2	
R693-95	ERJ3GEYJ103	M.RESISTOR CH 1/16W 6.8K	3	
R696	ERJ3GEYG682	M.RESISTOR CH 1/16W 6.8K	1	
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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R697-99	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	3	1
R712,13	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	2	
R716	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R725	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R735	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R737	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R738-41	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	4	
R760-79	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	20	
R780	ERJ3GEYG682	M.RESISTOR CH 1/16W 6.8K	1	
R781,82	ERJ3GEYJ153	M.RESISTOR CH 1/16W 15K	2	
			+	
R783	ERJ3GEYG682	M.RESISTOR CH 1/16W 6.8K	1	
R784-87	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	4	
R788	ERJ3GEYG682	M.RESISTOR CH 1/16W 6.8K	1	
R789,90	ERJ3GEYJ153	M.RESISTOR CH 1/16W 15K	2	
R791,92	ERJ3GEYG682	M.RESISTOR CH 1/16W 6.8K	2	
R793-95	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	3	
R796	ERJ3GEYG682	M.RESISTOR CH 1/16W 6.8K	1	
R797-99	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	3	
R801-03	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	3	
R805-07	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	3	
R808	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R809-11	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	3	
R813-17	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	5	
R827,28	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	
R831,32	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	2	
R833	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R835,36	ERJ3GEYJ272	M.RESISTOR CH 1/16W 2.7K	2	
R838	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R839,40	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	2	
R842,43	ERJ3GEYG471	M.RESISTOR CH 1/16W 470	2	
R844,45	ERJ3GEYJ272	M.RESISTOR CH 1/16W 2.7K	2	
R846,47	ERJ3GEYJ330	M.RESISTOR CH 1/16W 33	2	
R848,49	ERJ3GEYJ821	M.RESISTOR CH 1/16W 820	2	
R850	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R851	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R852	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R854,55	ERJ3GEYJ272	M.RESISTOR CH 1/16W 2.7K	2	
R857	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R858,59	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	2	
R861,62	ERJ3GEYG471	M.RESISTOR CH 1/16W 470	2	
R863,64	ERJ3GEYJ272	M.RESISTOR CH 1/16W 2.7K	2	
R865,66	ERJ3GEYJ330	M.RESISTOR CH 1/16W 33	2	
R867,68	ERJ3GEYJ821	M.RESISTOR CH 1/16W 820	2	
R869	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R870	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R878,79	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	
R882,83	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	2	
R884	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R886,87	ERJ3GEYJ272	M.RESISTOR CH 1/16W 2.7K	2	
R889	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R890,91	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	2	
R893,94	ERJ3GEYG471	M.RESISTOR CH 1/16W 470	2	
R895,96	ERJ3GEYJ272	M.RESISTOR CH 1/16W 2.7K	2	
R897,98	ERJ3GEYJ330	M.RESISTOR CH 1/16W 33	2	
R899,00	ERJ3GEYJ821	M.RESISTOR CH 1/16W 33	2	
R901	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R902	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R903	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R905,06	ERJ3GEYJ272	M.RESISTOR CH 1/16W 2.7K	2	
R908	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R909,10	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	2	
R912,13	ERJ3GEYG471	M.RESISTOR CH 1/16W 470	2	
R914,15	ERJ3GEYJ272	M.RESISTOR CH 1/16W 2.7K	2	
R916,17	ERJ3GEYJ330	M.RESISTOR CH 1/16W 33	2	
R918,19	ERJ3GEYJ821	M.RESISTOR CH 1/16W 820	2	
R920	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R921	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R922-25	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	4	
R926-29	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	4	
R940	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R941,42	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	
R943	ERJ3GEYJ330	M.RESISTOR CH 1/16W 33	1	
D044	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R944				
R944 R945	ERJ3GEYG822	M.RESISTOR CH 1/16W 8.2K	1	
	ERJ3GEYG822 ERJ3GEYJ470	M.RESISTOR CH 1/16W 8.2K M.RESISTOR CH 1/16W 47	1	
R945			+	

RABB	Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R950					
R955 RRJGEY0100 MRESISTOR CH 1/16W 1					
R953,54 ERJISCYLATO MRESISTOR CH 1/20W 56 2 R966 ERJIGEYUAZI MRESISTOR CH 1/10W 47 1 R967 ERJIGEYUAZI MRESISTOR CH 1/10W 82K 1 R969 ERJIGEYAZI MRESISTOR CH 1/10W 82K 1 R969 ERJIGEYAZI MRESISTOR CH 1/10W 33 1 R960 ERJIGEYAZI MRESISTOR CH 1/10W 47K 1 R961 ERJIGEYAZI MRESISTOR CH 1/10W 47K 1 R962 ERJIGEYAZI MRESISTOR CH 1/10W 47K 1 R965 ERJIGEYAZI MRESISTOR CH 1/10W 42K 1 R966 ERJIGEYAZI MRESISTOR CH 1/10W 42K 1 R968 ERJIGEYAZIO MRESISTOR CH 1/10W 42 1 R968 ERJIGEYAZIO MRESISTOR CH 1/10W 42 1 R971 ERJIGEYAZIO MRESISTOR CH 1/10W 47 1 R972 ERJIGEYAZIO MRESISTOR CH 1/10W 47 1 R973 ERJIGEYAZIO MRESISTOR CH 1/10W 47 1 R973 ERJIGEYAZIO MRESISTOR CH 1/10W 32 1					
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R1016	R1012	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R1017	R1014,15	ERJ12YJ560	M.RESISTOR CH 1/2W 56	2	
R1018	R1016	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
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R3012 ERJ3RBD183 M.RESISTOR CH 1/16W 18K 1 R3013 ERJ3RED154 M.RESISTOR CH 1/16W 150K 1 R3014 ERJ3GEY0R00 M.RESISTOR CH 1/16W 0 1 R3019 ERJ3GEY0R00 M.RESISTOR CH 1/16W 0 1 R3026,27 ERJ3GEYJ104 M.RESISTOR CH 1/16W 100K 2 R3029,30 ERJ3GEYJ101 M.RESISTOR CH 1/16W 100 2 R3032 ERJ3GEYJ101 M.RESISTOR CH 1/16W 100K 1 R3033 ERJ3GEYJ101 M.RESISTOR CH 1/16W 100K 1 R3034 ERJ3GEYJ104 M.RESISTOR CH 1/16W 100 1 R3035 ERJ3GEYJ104 M.RESISTOR CH 1/16W 100 1 R3036 ERJ3GEYJ104 M.RESISTOR CH 1/16W 100K 1 R3037 ERJ3GEYJ104 M.RESISTOR CH 1/16W 100K 1 R3038 ERJ3GEYJ104 M.RESISTOR CH 1/16W 100K 1 R3040 ERJ3GEYJ104 M.RESISTOR CH 1/16W 100K 1 R3042 ERJ3GEYJ104 M.RESISTOR CH 1/16W 100K 1 R3043 ERJ3GEYJ104 M.RESISTOR CH 1/16W 100K 1 R3044 ERJ3GEYJ104 M.RESISTOR CH 1/16W 100K 1 R3045 ERJ3GEYJ104 M.RESISTOR CH 1/16W 100K 1 R3046 ERJ3GEYJ104 M.RESISTOR CH 1/16W 100K 1 R3047 ERJ3GEYJ104 M.RESISTOR CH 1/16W 100K 1 R3048 ERJ3GEYJ101 M.RESISTOR CH 1/16W 100 2					
R3013 ERJ3RED154 M.RESISTOR CH 1/16W 150K 1 R3014 ERJ3GEY0R00 M.RESISTOR CH 1/16W 0 1 R3019 ERJ3GEY0R00 M.RESISTOR CH 1/16W 0 0 1 R3026,27 ERJ3GEYJ104 M.RESISTOR CH 1/16W 100K 2 R3029,30 ERJ3GEYJ101 M.RESISTOR CH 1/16W 100 2 R3032 ERJ3GEYJ104 M.RESISTOR CH 1/16W 100K 1 R3033 ERJ3GEYJ104 M.RESISTOR CH 1/16W 100 1 R3034 ERJ3GEYJ473 M.RESISTOR CH 1/16W 47K 1 R3035 ERJ3GEYJ473 M.RESISTOR CH 1/16W 47K 1 R3036 ERJ3GEYJ473 M.RESISTOR CH 1/16W 47K 1 R3038 ERJ3GEYJ474 M.RESISTOR CH 1/16W 100K 1 R3038 ERJ3GEYJ104 M.RESISTOR CH 1/16W 100K 1 R3040 ERJ3GEYJ104 M.RESISTOR CH 1/16W 100K 1 R3042 ERJ3GEYJ104 M.RESISTOR CH 1/16W 100K 1 R3043,44 ERJ3GEYJ104 M.RESISTOR CH 1/16W 100K 1 R3048 ERJ3GEYJ101 M.RESISTOR CH 1/16W 100 1					
R3014 ERJ3GEY0R00 M.RESISTOR CH 1/16W 0 1 R3019 ERJ3GEY0R00 M.RESISTOR CH 1/16W 0 1 R3026,27 ERJ3GEYJ104 M.RESISTOR CH 1/16W 100K 2 R3029,30 ERJ3GEYJ101 M.RESISTOR CH 1/16W 100 2 R3032 ERJ3GEYJ104 M.RESISTOR CH 1/16W 100K 1 R3033 ERJ3GEYJ101 M.RESISTOR CH 1/16W 100 1 R3034 ERJ3GEYJ473 M.RESISTOR CH 1/16W 47K 1 R3035 ERJ3GEYJ473 M.RESISTOR CH 1/16W 47K 1 R3036 ERJ3GEYJ473 M.RESISTOR CH 1/16W 100K 1 R3038 ERJ3GEYJ474 M.RESISTOR CH 1/16W 100K 1 R3038 ERJ3GEYJ104 M.RESISTOR CH 1/16W 100K 1 R3040 ERJ3GEYJ104 M.RESISTOR CH 1/16W 100K 1 R3042 ERJ3GEYJ104 M.RESISTOR CH 1/16W 100K 1 R3043,44 ERJ3GEYJ101 M.RESISTOR CH 1/16W 100K 1 R3048 ERJ3GEYJ00 M.RESISTOR CH 1/16W 100 2 R3048 ERJ3GEYJ00 M.RESISTOR CH 1/16W 100 1					
R3026,27 ERJ3GEYJ104 M.RESISTOR CH 1/16W 100K 2 R3029,30 ERJ3GEYJ101 M.RESISTOR CH 1/16W 100 2 R3032 ERJ3GEYJ104 M.RESISTOR CH 1/16W 100K 1 R3033 ERJ3GEYJ101 M.RESISTOR CH 1/16W 100 1 R3034 ERJ3GEYJ101 M.RESISTOR CH 1/16W 47K 1 R3035 ERJ3GEYJ104 M.RESISTOR CH 1/16W 100K 1 R3036 ERJ3GEYJ104 M.RESISTOR CH 1/16W 100K 1 R3038 ERJ3GEYJ104 M.RESISTOR CH 1/16W 100K 1 R3038 ERJ3GEYJ104 M.RESISTOR CH 1/16W 100K 1 R3040 ERJ3GEYJ104 M.RESISTOR CH 1/16W 100K 1 R3042 ERJ3GEYJ104 M.RESISTOR CH 1/16W 100K 1 R3043,44 ERJ3GEYJ101 M.RESISTOR CH 1/16W 100K 1 R3048 ERJ3GEYJ101 M.RESISTOR CH 1/16W 100 2 R3048 ERJ3GEYJ101 M.RESISTOR CH 1/16W 100 2		ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R3029,30 ERJ3GEYJ101 M.RESISTOR CH 1/16W 100 2 R3032 ERJ3GEYJ104 M.RESISTOR CH 1/16W 100K 1 R3033 ERJ3GEYJ101 M.RESISTOR CH 1/16W 100 1 R3034 ERJ3GEYJ101 M.RESISTOR CH 1/16W 47K 1 R3035 ERJ3GEYJ104 M.RESISTOR CH 1/16W 47K 1 R3036 ERJ3GEYJ104 M.RESISTOR CH 1/16W 47K 1 R3038 ERJ3GEYJ104 M.RESISTOR CH 1/16W 47K 1 R3038 ERJ3GEYJ104 M.RESISTOR CH 1/16W 100K 1 R3040 ERJ3GEYJ104 M.RESISTOR CH 1/16W 100 1 R3042 ERJ3GEYJ104 M.RESISTOR CH 1/16W 100K 1 R3043,44 ERJ3GEYJ101 M.RESISTOR CH 1/16W 100 2 R3048 ERJ3GEYJ101 M.RESISTOR CH 1/16W 100 2 R3048 ERJ3GEYJ101 M.RESISTOR CH 1/16W 100 2	R3019	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R3032 ERJ3GEYJ104 M.RESISTOR CH 1/16W 100K 1 R3033 ERJ3GEYJ101 M.RESISTOR CH 1/16W 100 1 R3034 ERJ3GEYJ473 M.RESISTOR CH 1/16W 47K 1 R3035 ERJ3GEYJ104 M.RESISTOR CH 1/16W 100K 1 R3036 ERJ3GEYJ473 M.RESISTOR CH 1/16W 100K 1 R3038 ERJ3GEYJ104 M.RESISTOR CH 1/16W 100K 1 R3040 ERJ3GEYJ104 M.RESISTOR CH 1/16W 100K 1 R3042 ERJ3GEYJ104 M.RESISTOR CH 1/16W 100K 1 R3043,44 ERJ3GEYJ101 M.RESISTOR CH 1/16W 100 2 R3048 ERJ3GEYJ101 M.RESISTOR CH 1/16W 100 2 R3048 ERJ3GEYJ101 M.RESISTOR CH 1/16W 100 1	R3026,27	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	_ 2	
R3033 ERJ3GEYJ101 M.RESISTOR CH 1/16W 100 1 R3034 ERJ3GEYJ473 M.RESISTOR CH 1/16W 47K 1 R3035 ERJ3GEYJ104 M.RESISTOR CH 1/16W 100K 1 R3036 ERJ3GEYJ473 M.RESISTOR CH 1/16W 47K 1 R3038 ERJ3GEYJ104 M.RESISTOR CH 1/16W 100K 1 R3040 ERJ3GEYJ101 M.RESISTOR CH 1/16W 100 1 R3042 ERJ3GEYJ104 M.RESISTOR CH 1/16W 100K 1 R3043,44 ERJ3GEYJ101 M.RESISTOR CH 1/16W 100 2 R3048 ERJ3GEYJ101 M.RESISTOR CH 1/16W 100 2 R3048 ERJ3GEY0R00 M.RESISTOR CH 1/16W 0 1	R3029,30	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R3034 ERJ3GEYJ473 M.RESISTOR CH 1/16W 47K 1 R3035 ERJ3GEYJ104 M.RESISTOR CH 1/16W 100K 1 R3036 ERJ3GEYJ473 M.RESISTOR CH 1/16W 47K 1 R3038 ERJ3GEYJ104 M.RESISTOR CH 1/16W 100K 1 R3040 ERJ3GEYJ101 M.RESISTOR CH 1/16W 100 1 R3042 ERJ3GEYJ104 M.RESISTOR CH 1/16W 100K 1 R3043,44 ERJ3GEYJ101 M.RESISTOR CH 1/16W 100 2 R3048 ERJ3GEYJ00 M.RESISTOR CH 1/16W 0 0 1	R3032	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R3035 ERJ3GEYJ104 M.RESISTOR CH 1/16W 100K 1 R3036 ERJ3GEYJ473 M.RESISTOR CH 1/16W 47K 1 R3038 ERJ3GEYJ104 M.RESISTOR CH 1/16W 100K 1 R3040 ERJ3GEYJ101 M.RESISTOR CH 1/16W 100 1 R3042 ERJ3GEYJ104 M.RESISTOR CH 1/16W 100K 1 R3043,44 ERJ3GEYJ101 M.RESISTOR CH 1/16W 100 2 R3048 ERJ3GEY0R00 M.RESISTOR CH 1/16W 0 1					
R3036 ERJ3GEYJ473 M.RESISTOR CH 1/16W 47K 1 R3038 ERJ3GEYJ104 M.RESISTOR CH 1/16W 100K 1 R3040 ERJ3GEYJ101 M.RESISTOR CH 1/16W 100 1 R3042 ERJ3GEYJ104 M.RESISTOR CH 1/16W 100K 1 R3043,44 ERJ3GEYJ101 M.RESISTOR CH 1/16W 100 2 R3048 ERJ3GEY0R00 M.RESISTOR CH 1/16W 0 1					
R3038 ERJ3GEYJ104 M.RESISTOR CH 1/16W 100K 1 R3040 ERJ3GEYJ101 M.RESISTOR CH 1/16W 100 1 R3042 ERJ3GEYJ104 M.RESISTOR CH 1/16W 100K 1 R3043,44 ERJ3GEYJ101 M.RESISTOR CH 1/16W 100 2 R3048 ERJ3GEY0R00 M.RESISTOR CH 1/16W 0 1					
R3040 ERJ3GEYJ101 M.RESISTOR CH 1/16W 100 1 R3042 ERJ3GEYJ104 M.RESISTOR CH 1/16W 100K 1 R3043,44 ERJ3GEYJ101 M.RESISTOR CH 1/16W 100 2 R3048 ERJ3GEY0R00 M.RESISTOR CH 1/16W 0 1					
R3042 ERJ3GEYJ104 M.RESISTOR CH 1/16W 100K 1 R3043,44 ERJ3GEYJ101 M.RESISTOR CH 1/16W 100 2 R3048 ERJ3GEY0R00 M.RESISTOR CH 1/16W 0 1					
R3043,44 ERJ3GEYJ101 M.RESISTOR CH 1/16W 100 2 R3048 ERJ3GEY0R00 M.RESISTOR CH 1/16W 0 1					
R3048 ERJ3GEY0R00 M.RESISTOR CH 1/16W 0 1					
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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R3108	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R3110	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R3111,12	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R3113 R3114	ERJ3GEYJ104 ERJ3GEYJ101	M.RESISTOR CH 1/16W 100K M.RESISTOR CH 1/16W 100	1	
R3121,22	ERJ3GEYJ473	M.RESISTOR CH 1/16W 100	2	
R3124	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R3125	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R3128	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R3130	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R3132 R3134,35	ERJ3GEYJ104 ERJ3GEYJ101	M.RESISTOR CH 1/16W 100K M.RESISTOR CH 1/16W 100	2	
R3136	ERJ3GEY0R00	M.RESISTOR CH 1/16W 100	1	
R3148	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R3152	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R3205,06	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	
R3301	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R3302	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R3303 R3304	ERJ3GEYJ473 ERJ3GEYJ104	M.RESISTOR CH 1/16W 47K M.RESISTOR CH 1/16W 100K	1	
R3305	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R3306	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R3307	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R3308	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R3309	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R3310	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R3311	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K M.RESISTOR CH 1/16W 100	1	
R3312 R3313	ERJ3GEYJ101 ERJ3GEYJ104	M.RESISTOR CH 1/16W 100 M.RESISTOR CH 1/16W 100K	1	
R3314	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100K	1	
R3315	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R3316	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R3317	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R3318	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R3319	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R3320	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R3321 R3322	ERJ3GEYJ101 ERJ3GEYJ104	M.RESISTOR CH 1/16W 100 M.RESISTOR CH 1/16W 100K	1	
R3323	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R3324	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R3325	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R3326	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R3327	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R3328	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R3401 R3402	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R3403	ERJ3GEYJ101 ERJ3GEYG472	M.RESISTOR CH 1/16W 100 M.RESISTOR CH 1/16W 4.7K	1	
R3404	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R3405	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R3406	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R3407	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R3408	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R3409	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R3410 R3411	ERJ3GEYJ101 ERJ3GEYG472	M.RESISTOR CH 1/16W 100 M.RESISTOR CH 1/16W 4.7K	1	
R3411	ERJ3GEYG472 ERJ3GEYJ101	M.RESISTOR CH 1/16W 4.7K	1	
R3413	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R3414	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R3415	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R3416	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
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TG820	EYF6CU	TEST POINT	1	
TG940 TG3001	EYF6CU EYF6CU	TEST POINT TEST POINT	1	
163001	L11 000	TEGT FORM	+-	
TP100-03	EYF6CU	TEST POINT	4	
TP151	EYF6CU	TEST POINT	1	
TP251	EYF6CU	TEST POINT	1	
TP301	EYF6CU	TEST POINT	1	
TP351	EYF6CU	TEST POINT	1	
TP400-07	EYF6CU	TEST POINT	8	
TP660-63	EYF6CU	TEST POINT TEST POINT	4	
TP820-23 TP940-43	EYF6CU EYF6CU	TEST POINT	4	
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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
VR100-07	EVM7JGA00B52	V.RESISTOR 500	8	
VR108	EVM7JGA00B15	V.RESISTOR 100K	1	
VR400	EVM7JGA00B14	V.RESISTOR 10K	1	
VR401	EVM7JGA00B22	V.RESISTOR 200	1	
VR402	EVM7JGA00B14	V.RESISTOR 10K	1	
VR403	EVM7JGA00B22	V.RESISTOR 200	1	
VR404	EVM7JGA00B14	V.RESISTOR 10K	1	
VR405	EVM7JGA00B22	V.RESISTOR 200	1	
VR406	EVM7JGA00B14	V.RESISTOR 10K	1	
VR407	EVM7JGA00B22	V.RESISTOR 200	1	
VR820-23	EVM7JGA00B13	V.RESISTOR 1K	4	
			 	
		MISCELLANEOUS	ــــــ	
			1	
	XYN26+K6	SCREW	2	
	VSC5129	HEAT SINK	1	
	VMG1339	THERMO-CONDUCTIVE SHEET A	1	
			 	
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			+	(DTL)
■ E15	VEP81192B	POWER MAIN P.C.BOARD	1	(RTL)
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		0.04040000	+	
C1001		C.CAPACITOR CH 25V 0.1U	1	
C1002	ECUX1H330JCV	C.CAPACITOR CH 50V 33P	1	
C1003	ECUX1H102JCV	C.CAPACITOR CH 50V 1000P	1	
C1004	ECUX1H330JCV	C.CAPACITOR CH 50V 33P	1	
C1005	ECUX1H102JCV	C.CAPACITOR CH 50V 1000P	1	
C1006	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C1009	ECUM1E224KBN	C.CAPACITOR CH 25V 0.22U	1	
C1010	ECUX1A105KBN	C.CAPACITOR CH 10V 1U	1	
C1011	ECUM1E224KBN	C.CAPACITOR CH 25V 0.22U	1	
C1012	ECST1AY475	T.CAPACITOR CH 10V 4.7U	1	
C1013,14	ECUM1E224KBN	C.CAPACITOR CH 25V 0.22U	2	
C1015	VCEA1DSP680	E.CAPACITOR 20V 68U	1	
C1017	ECUM1E224KBN	C.CAPACITOR CH 25V 0.22U	1	
C1018	VCEA1DSP680	E.CAPACITOR 20V 68U	1	
C1020	VCEA1ASP101	E.CAPACITOR 10V 100U	1	
C1021	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C1022,23	VCEA0JSP151	E.CAPACITOR 6.3V 150U	2	
C1024	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C1025	EEFCD1B220R	E.CAPACITOR 12.5V 22U	1	
C1026	ECUX1C106KBP	C.CAPACITOR CH 16V 10U	1	
C1027	EEFCD0J470R	E.CAPACITOR 6.3V 47U	1	
C1028		C.CAPACITOR CH 16V 10U	1	
C1029		E.CAPACITOR 12.5V 22U	1	
C1030		C.CAPACITOR CH 16V 10U	1	
C1031-33		C.CAPACITOR CH 25V 0.1U	3	
C1034,35		C.CAPACITOR CH 25V 0.22U	2	
C1036	ECST1VD106	E.CAPACITOR 35V 10M	1	
C1037	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C1038	ECST1VD106	E.CAPACITOR 35V 10M	1	
C1039	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C1101	ECUX1E104KBN		1	
C1102	ECUX1H330JCV	C.CAPACITOR CH 50V 33P	1	
C1103	ECUX1H102JCV	C.CAPACITOR CH 50V 1000P	1	
C1104	ECUX1H330JCV	C.CAPACITOR CH 50V 33P	1	
C1105	ECUX1H102JCV	C.CAPACITOR CH 50V 1000P	1	
C1106		C.CAPACITOR CH 25V 0.1U	1	
C1109		C.CAPACITOR CH 25V 0.22U	1	
C1110		C.CAPACITOR CH 10V 1U	1	
C1111		C.CAPACITOR CH 25V 0.22U	1	
C1112	ECST1AY475	T.CAPACITOR CH 10V 4.7U	1	
C1113,14		C.CAPACITOR CH 25V 0.22U	2	
C1115	VCEA1DSP680	E.CAPACITOR 20V 68U	1	
C1117		C.CAPACITOR CH 25V 0.22U	1	
C1118	VCEA1DSP680	E.CAPACITOR 20V 68U	1	
C1120	VCEA1ASP101	E.CAPACITOR 10V 100U	1	
C1121		C.CAPACITOR CH 25V 0.1U	1	
C1122	VCEA0JSP151	E.CAPACITOR 6.3V 150U	1	
C1123		C.CAPACITOR CH 25V 0.1U	1	
C1124	EEFCD1B220R	E.CAPACITOR 12.5V 22U	1	
C1125	ECUX1C106KBP	C.CAPACITOR CH 16V 10U	1	
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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C1126	EEFCD0J470R	E.CAPACITOR 6.3V 47U	1	
C1127	ECUX1C106KBP	C.CAPACITOR CH 16V 10U	1	
C1201	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C1202	ECUX1H330JCV	C.CAPACITOR CH 50V 33P	1	
C1203	ECUX1H102JCV	C.CAPACITOR CH 50V 1000P	1	
	ECUM1E224KBN	C.CAPACITOR CH 25V 0.22U	1	
C1209				
C1210	ECUX1A105KBN	C.CAPACITOR CH 10V 1U	1	
C1212	ECST1AY475	T.CAPACITOR CH 10V 4.7U	1	
C1213,14	ECUM1E224KBN	C.CAPACITOR CH 25V 0.22U	2	
C1215	VCEA1DSP680	E.CAPACITOR 20V 68U	1	
C1220	VCEA0JSP151	E.CAPACITOR 6.3V 150U	1	
C1221	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C1224	EEFCD0J470R	E.CAPACITOR 6.3V 47U	1	
C1225	ECUX1C106KBP	C.CAPACITOR CH 16V 10U	1	
01223	LCOXICIOORDI	C.CAFACITOR CIT IOV 100	<u></u>	
D1001 00	144 4 4014//	DIODE		
D1001,02	MA142WK	DIODE	2	
D1003	MA142WA	DIODE	1	
D1004	MA142WK	DIODE	1	
D1005,06	SFPB-76V	DIODE	2	
D1007	MA8068-MH	DIODE	1	
D1008	MA8062-MH	DIODE	1	
D1009	MA8027-H	DIODE	1	
D1010	MA142K	DIODE	1	
D1010	MA142WK	DIODE	1	
D1101,02	MA142WK	DIODE	2	
D1103	MA142WA	DIODE	1	
D1104	MA142WK	DIODE	1	
D1105,06	SFPB-76V	DIODE	2	
D1107	MA8068-MH	DIODE	1	
D1108	MA8062-MH	DIODE	1	
D1201	MA142WK	DIODE	1	
D1203	MA142K	DIODE	1	
D1205	SFPB-76V	DIODE	1	
D1207	MA8062-MH	DIODE	1	
D1208	MA142K	DIODE	1	
IC1001	LTC1628IG	IC	1	
IC1002	C0JBAA000076	IC	1	
IC1003	NJM78L05UA	IC	1	C0CBADC00010
		IC IC	1	C0CBADC00010 C0BBBA000019
IC1003 IC1004	NJM78L05UA NJM2903M	IC		
IC1003 IC1004 IC1101	NJM78L05UA NJM2903M LTC1628IG	IC IC	1	
IC1003 IC1004	NJM78L05UA NJM2903M	IC	1	
IC1003 IC1004 IC1101 IC1201	NJM78L05UA NJM2903M LTC1628IG LTC1628IG	IC IC IC	1 1	
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IC1003 IC1004 IC1101 IC1201 L1001,02 L1003,04	NJM78L05UA NJM2903M LTC1628IG LTC1628IG VLQ0916N2R5 VLQ0859M150	IC IC IC COIL 2.5UH COIL 15UH	1 1 1 2 2 2	
IC1003 IC1004 IC1101 IC1201 L1001,02	NJM78L05UA NJM2903M LTC1628IG LTC1628IG VLQ0916N2R5 VLQ0859M150 VLQ0916N5R3	IC IC IC COIL 2.5UH	1 1 1 2	
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IC1003 IC1004 IC1101 IC1201 L1001,02 L1003,04 L1005 L1006	NJM78L05UA NJM2903M LTC1628IG LTC1628IG VLQ0916N2R5 VLQ0859M150 VLQ0916N5R3 VLQ0916N2R5	IC IC IC COIL 2.5UH COIL 15UH COIL 5.3UH COIL 2.5UH	1 1 1 2 2 2 1	
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IC1003 IC1004 IC1101 IC1201 L1001,02 L1003,04 L1005 L1006 L1007 L1008-11 L1101,02 L1103,04 L1105,06 L1107-10 L1201 L1203 L1205 L1206,07 P1002 P1003 P1004 Q1001-04 Q1005 Q1101-04	NJM78L05UA NJM2903M LTC1628IG LTC1628IG LTC1628IG VLQ0916N2R5 VLQ0916N5R3 VLQ0916N5R3 VLQ0916N5R3 VLQ0916N5R3 VLQ0916N5R3 VLQ0916N5R3 VLQ0916N5R3 VLQ0916N5R3 VLQ0916N5R3 VLQ0916N5R3 VLQ0916N5R3 VLP0353 VLQ0916N5R3 VLP0353 VJP4064K040C VJS4329A034 VJP1233T TM3115 2SD1820A-R TM3115	IC IC IC COIL 2.5UH COIL 15UH COIL 5.3UH COIL 2.5UH COIL 2.5UH COIL 2.5UH COIL 5.3UH COIL 2.5UH COIL 2.5UH COIL 5.3UH COIL 5.3UH COIL 5.3UH COIL 5.3UH COIL 5.3UH COIL 6.5UH COIL 6.5UH COIL 6.5UH COIL 6.5UH COIL 6.5UH COIL 6.5UH COIL 6.5UH COIL 6.5UH COIL 6.5UH COIL 6.5UH COIL 6.5UH COIL 6.5UH COIL 6.5UH COIL 6.5UH COIL 6.5UH COIL 6.5UH COIL 6.5UH COIL 6.5UH COIL 6.5UH CONNECTOR (MALE) 6P TRANSISTOR TRANSISTOR TRANSISTOR	1 1 1 1 1 1 1 1 4 2 2 2 4 1 1 1 1 1 1 1	C0BBBA000019 K1KB40A00064 B1DFGD000010
IC1003 IC1004 IC1101 IC1201 L1001,02 L1003,04 L1005 L1006 L1007 L1008-11 L1101,02 L1103,04 L1105,06 L1107-10 L1201 L1203 L1205 L1205 L1206,07 P1002 P1003 P1004 Q1001-04 Q1005 Q1101-04 Q1201,02	NJM78L05UA NJM2903M LTC1628IG LTC1628IG LTC1628IG VLQ0916N2R5 VLQ0916N5R3 VLQ0916N5R3 VLQ0916N5R3 VLQ0916N5R3 VLQ0916N5R3 VLQ0916N5R3 VLQ0916N5R3 VLQ0916N5R3 VLQ0916N5R3 VLQ0916N5R3 VLQ0916N5R3 VLQ0916N5R3 VLQ0916N5R3 VLQ0916N5R3 VLQ0916N5R3 VLQ0916N5R3 VLQ0916N5R3 VLQ0916N5R3 VLQ0916N5R3 VJP4064K040C VJS4329A034 VJP1233T TM3115 ZSD1820A-R TM3115	IC IC IC COIL 2.5UH COIL 5.3UH COIL 5.3UH COIL 5.3UH COIL 5.3UH COIL 2.5UH COIL 15UH COIL 2.5UH COIL 5.3UH COIL 5.3UH COIL 5.3UH COIL 5.3UH COIL 6.5UH COIL 6.5UH COIL 6.5UH COIL 6.5UH COIL 6.5UH COIL 6.5UH COIL 6.5UH COIL 6.5UH COIL 6.5UH COIL 6.5UH COIL 6.5UH COIL 6.5UH COIL 6.5UH COIL 7.5UH COIL 6.5UH COIL 7.5UH COIL 6.5UH COIL 7.5UH COIL 7.5UH COIL 7.5UH COIL 7.5UH COIL 7.5UH COIL 7.5UH COIL 7.5UH COIL 7.5UH COIL 7.5UH CONNECTOR (MALE) 6P	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	C0BBBA000019 K1KB40A00064 B1DFGD000010
IC1003 IC1004 IC1101 IC1201 L1001,02 L1003,04 L1005 L1006 L1007 L1008-11 L1101,02 L1103,04 L1105,06 L1107-10 L1201 L1203 L1205 L1206,07 P1002 P1003 P1004 Q1001-04 Q1005 Q1101-04 Q1201,02	NJM78L05UA NJM2903M LTC1628IG LTC1628IG LTC1628IG VLQ0916N2R5 VLQ0916N5R3 VLQ0916N5R3 VLQ0916N5R3 VLQ0916N5R3 VLQ0916N5R3 VLQ0916N5R3 VLQ0916N5R3 VLQ0916N5R3 VLQ0916N5R3 VLQ0916N5R3 VLQ0916N5R3 VLQ0916N5R3 VLQ0916N5R3 VLQ0859M220 VLQ0916N5R3 VLP0353 VLP0353 VLP0353 TMQ0916N5R3 VJP4064K040C VJS4329A034 VJP1233T TM3115 ZSD1820A-R TM3115 TM3115	IC IC IC IC COIL 2.5UH COIL 5.3UH COIL 5.3UH COIL 2.5UH COIL 2.5UH COIL 2.5UH COIL 2.5UH COIL 5.3UH COIL 5.3UH COIL 5.3UH COIL 5.3UH COIL 5.3UH COIL 6.5UH COIL 6.5UH COIL 6.5UH COIL 6.5UH COIL 6.5UH COIL 6.5UH COIL 6.5UH COIL 6.5UH COIL 6.5UH COIL 6.5UH COIL 6.5UH COIL 6.5UH COIL 6.5UH COIL 6.5UH COIL 6.5UH COIL 6.5UH COIL 6.5UH COIL 6.5UH COIL 6.5UH COIL 7.5UH COIL 6.5UH COIL 7.5UH COIL 7.5UH COIL 7.5UH COIL 7.5UH COIL 7.5UH COIL 7.5UH COIL 7.5UH COIL 7.5UH CONNECTOR (MALE) 6P TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	C0BBBA000019 K1KB40A00064 B1DFGD000010
IC1003 IC1004 IC1101 IC1201 L1001,02 L1003,04 L1005 L1006 L1007 L1008-11 L1101,02 L1103,04 L1105,06 L1107-10 L1201 L1203 L1205 L1206,07 P1002 P1003 P1004 Q1001-04 Q1001-04 Q1201,02 QR1001 QR1002	NJM78L05UA NJM7903M LTC1628IG LTC1628IG LTC1628IG VLQ0916N2R5 VLQ0916N5R3 VLQ0916N5R3 VLQ0916N5R3 VLQ0916N5R3 VLQ0916N5R3 VLQ0916N5R3 VLQ0916N5R3 VLQ0916N5R3 VLQ0916N5R3 VLQ0916N5R3 VLQ0916N5R3 VLQ0916N5R3 VLQ0916N5R3 VLQ0916N5R3 VLQ0916N5R3 VLP0353 TM3015 TM3115 LSD1820A-R TM3115 TM3115 TM3115 UN5211 UN5211 UN5113	IC IC IC IC COIL 2.5UH COIL 5.3UH COIL 5.3UH COIL 2.5UH COIL 2.5UH COIL 2.5UH COIL 2.5UH COIL 2.5UH COIL 5.3UH COIL 5.3UH COIL 5.3UH COIL 5.3UH COIL 5.3UH COIL 6.3UH COIL 6.3UH COIL 6.3UH COIL 6.3UH COIL 7.5UH COIL 7.5UH COIL 7.5UH COIL 9.5UH CO	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	C0BBBA000019 K1KB40A00064 B1DFGD000010
IC1003 IC1004 IC1101 IC1201 L1001,02 L1003,04 L1005 L1006 L1007 L1008-11 L1101,02 L1103,04 L1105,06 L1107-10 L1201 L1203 L1205 L1206,07 P1002 P1003 P1004 Q1001-04 Q1001-04 Q1001-04 Q1001 QR1002 QR1001 QR1002 QR1003,04	NJM78L05UA NJM7903M LTC1628IG LTC1628IG LTC1628IG VLQ0916N2R5 VLQ0916N5R3	IC IC IC IC COIL 2.5UH COIL 15UH COIL 5.3UH COIL 2.5UH COIL 2.5UH COIL 2.5UH COIL 2.5UH COIL 2.5UH COIL 2.5UH COIL 5.3UH COIL 5.3UH COIL 5.3UH COIL 5.3UH COIL 6.3UH COIL 6.5UH COIL 6.5UH COIL 7.5UH CONNECTOR (MALE) 6P TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR-RESISTOR TRANSISTOR-RESISTOR TRANSISTOR-RESISTOR	11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	C0BBBA000019 K1KB40A00064 B1DFGD000010
IC1003 IC1004 IC1101 IC1201 L1001,02 L1003,04 L1005 L1006 L1007 L1008-11 L1101,02 L1103,04 L1105,06 L1107-10 L1201 L1203 L1205 L1206,07 P1002 P1003 P1004 Q1001-04 Q1001-04 Q1001-04 Q1001-04 Q1001 QR1002 QR1003,04 QR1101	NJM78L05UA NJM7903M LTC1628IG LTC1628IG LTC1628IG VLQ0916N2R5 VLQ0916N5R3 VLQ0916N5R3 VLQ0916N5R3 VLQ0916N5R3 VLQ0916N5R3 VLQ0916N5R3 VLQ0916N5R3 VLQ0916N5R3 VLQ0916N5R3 VLQ0916N5R3 VLQ0916N5R3 VLQ0916N5R3 VLQ0916N5R3 VLQ0916N5R3 VLQ0916N5R3 TMQ0916N5R3 VLQ0	IC IC IC IC COIL 2.5UH COIL 15UH COIL 5.3UH COIL 2.5UH COIL 2.5UH COIL 2.5UH COIL 2.5UH COIL 2.5UH COIL 2.5UH COIL 2.5UH COIL 5.3UH COIL 5.3UH COIL 5.3UH COIL 6.3UH COIL 6.5UH COIL 6.5UH COIL 7.5UH COIL 6.5UH COIL 7.5UH COIL 7.5UH COIL 7.5UH COIL 7.5UH COIL 7.5UH COIL 7.5UH COIL 7.5UH COIL 7.5UH COIL 7.5UH COIL 7.5UH COIL 7.5UH CONNECTOR (MALE) 6P TRANSISTOR (MALE) 6P TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR-RESISTOR TRANSISTOR-RESISTOR TRANSISTOR-RESISTOR TRANSISTOR-RESISTOR TRANSISTOR-RESISTOR	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	C0BBBA000019 K1KB40A00064 B1DFGD000010
IC1003 IC1004 IC1101 IC1201 L1001,02 L1003,04 L1005 L1006 L1007 L1008-11 L1101,02 L1103,04 L1105,06 L1107-10 L1201 L1203 L1205 L1206,07 P1002 P1003 P1004 Q1001-04 Q1005 Q1101-04 Q1201,02 QR1001,04 QR1001 QR1001 QR1002 QR1003,04 QR1101 QR1201	NJM78L05UA NJM2903M LTC1628IG LTC1628IG LTC1628IG VLQ0916N2R5 VLQ0916N5R3 VLQ0916N5R3 VLQ0916N5R3 VLQ0916N5R3 VLQ0916N5R3 VLQ0916N5R3 VLQ0916N5R3 VLQ0916N5R3 VLQ0916N5R3 VLQ0916N5R3 VLQ0916N5R3 VLP0353 VLQ0916N5R3 VLP0353 VJP4064K040C VJS4329A034 VJP1233T TM3115 2SD1820A-R TM3115 TM3115 UN5211 UN5211 UN5211 UN5211	IC IC IC IC COIL 2.5UH COIL 5.3UH COIL 5.3UH COIL 5.3UH COIL 5.3UH COIL 5.3UH COIL 5.3UH COIL 5.3UH COIL 5.3UH COIL 5.3UH COIL 5.3UH COIL 5.3UH COIL 6.3UH COIL 6.3UH COIL 6.3UH COIL 6.3UH COIL 7.5UH COIL 6.3UH COIL 6.3UH COIL 7.5UH COIL 6.3UH COIL 7.5UH COIL 7.5UH COIL 7.5UH COIL 7.5UH COIL 7.5UH COIL 7.5UH COIL 7.5UH COIL 7.5UH COIL 7.5UH COIL 7.5UH CONNECTOR (MALE) 6P TRANSISTOR FEMALE) TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR-RESISTOR TRANSISTOR-RESISTOR TRANSISTOR-RESISTOR TRANSISTOR-RESISTOR TRANSISTOR-RESISTOR TRANSISTOR-RESISTOR TRANSISTOR-RESISTOR	11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	C0BBBA000019 K1KB40A00064 B1DFGD000010
IC1003 IC1004 IC1101 IC1201 L1001,02 L1003,04 L1005 L1006 L1007 L1008-11 L1101,02 L1103,04 L1105,06 L1107-10 L1201 L1203 L1205 L1206,07 P1002 P1003 P1004 Q1001-04 Q1005 Q1101-04 Q1201,02 QR1003,04 QR1101 QR1001 QR1001 R1001	NJM78L05UA NJM2903M LTC1628IG LTC1628IG LTC1628IG VLQ0916N2R5 VLQ0916N5R3 VLQ0916N5R3 VLQ0916N5R3 VLQ0916N5R3 VLQ0916N5R3 VLQ0916N5R3 VLQ0916N5R3 VLQ0916N5R3 VLQ0916N5R3 VLQ0916N5R3 VLQ0916N5R3 VLQ0916N5R3 VLP0353 VLQ0916N5R3 VJP0353 VJP4064K040C VJS4329A034 VJP1233T TM3115 2SD1820A-R TM3115 TM3115 UN5211 UN5211 UN5211 UN5211 UN5211 UN5211 UN5211	IC IC IC IC COIL 2.5UH COIL 5.3UH COIL 5.3UH COIL 5.3UH COIL 5.3UH COIL 5.3UH COIL 15UH COIL 2.5UH COIL 5.3UH COIL 5.3UH COIL 5.3UH COIL 5.3UH COIL 5.3UH COIL 6.5UH COIL 6.5UH COIL 7.5UH COIL 7.5UH COIL 7.5UH COIL 7.5UH COIL 7.5UH COIL 7.5UH COIL 7.5UH COIL 7.5UH COIL 7.5UH COIL 7.5UH COIL 7.5UH COIL 7.5UH COIL 7.5UH COIL 7.5UH COIL 7.5UH CONNECTOR (MALE) 6P TRANSISTOR (FEMALE) 6P TRANSISTOR (FEMALE) 6P TRANSISTOR TRANSIS	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	C0BBBA000019 K1KB40A00064 B1DFGD000010
IC1003 IC1004 IC1101 IC1201 L1001,02 L1003,04 L1005 L1006 L1007 L1008-11 L1101,02 L1103,04 L1105,06 L1107-10 L1201 L1203 L1205 L1206,07 P1002 P1003 P1004 Q1001-04 Q1005 Q1101-04 Q1201,02 QR1001,04 QR1001 QR1001 QR1002 QR1003,04 QR1101 QR1201	NJM78L05UA NJM2903M LTC1628IG LTC1628IG LTC1628IG VLQ0916N2R5 VLQ0916N5R3 VLQ0916N5R3 VLQ0916N5R3 VLQ0916N5R3 VLQ0916N5R3 VLQ0916N5R3 VLQ0916N5R3 VLQ0916N5R3 VLQ0916N5R3 VLQ0916N5R3 VLQ0916N5R3 VLP0353 VLQ0916N5R3 VLP0353 VJP4064K040C VJS4329A034 VJP1233T TM3115 2SD1820A-R TM3115 TM3115 UN5211 UN5211 UN5211 UN5211	IC IC IC IC COIL 2.5UH COIL 5.3UH COIL 5.3UH COIL 5.3UH COIL 5.3UH COIL 5.3UH COIL 5.3UH COIL 5.3UH COIL 5.3UH COIL 5.3UH COIL 5.3UH COIL 5.3UH COIL 6.3UH COIL 6.3UH COIL 6.3UH COIL 6.3UH COIL 7.5UH COIL 6.3UH COIL 6.3UH COIL 7.5UH COIL 6.3UH COIL 7.5UH COIL 7.5UH COIL 7.5UH COIL 7.5UH COIL 7.5UH COIL 7.5UH COIL 7.5UH COIL 7.5UH COIL 7.5UH COIL 7.5UH CONNECTOR (MALE) 6P TRANSISTOR FEMALE) TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR-RESISTOR TRANSISTOR-RESISTOR TRANSISTOR-RESISTOR TRANSISTOR-RESISTOR TRANSISTOR-RESISTOR TRANSISTOR-RESISTOR TRANSISTOR-RESISTOR	11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	C0BBBA000019 K1KB40A00064 B1DFGD000010
IC1003 IC1004 IC1101 IC1201 L1001,02 L1003,04 L1005 L1006 L1007 L1008-11 L1101,02 L1103,04 L1105,06 L1107-10 L1201 L1203 L1205 L1206,07 P1002 P1003 P1004 Q1001-04 Q1005 Q1101-04 Q1201,02 QR1003,04 QR1101 QR1001 QR1001 R1001	NJM78L05UA NJM2903M LTC1628IG LTC1628IG LTC1628IG VLQ0916N2R5 VLQ0916N5R3 VLQ0916N5R3 VLQ0916N5R3 VLQ0916N5R3 VLQ0916N5R3 VLQ0916N5R3 VLQ0916N5R3 VLQ0916N5R3 VLQ0916N5R3 VLQ0916N5R3 VLQ0916N5R3 VLQ0916N5R3 VLP0353 VLQ0916N5R3 VJP0353 VJP4064K040C VJS4329A034 VJP1233T TM3115 2SD1820A-R TM3115 TM3115 UN5211 UN5211 UN5211 UN5211 UN5211 UN5211 UN5211	IC IC IC IC COIL 2.5UH COIL 5.3UH COIL 5.3UH COIL 5.3UH COIL 5.3UH COIL 5.3UH COIL 15UH COIL 2.5UH COIL 5.3UH COIL 5.3UH COIL 5.3UH COIL 5.3UH COIL 5.3UH COIL 6.5UH COIL 6.5UH COIL 7.5UH COIL 7.5UH COIL 7.5UH COIL 7.5UH COIL 7.5UH COIL 7.5UH COIL 7.5UH COIL 7.5UH COIL 7.5UH COIL 7.5UH COIL 7.5UH COIL 7.5UH COIL 7.5UH COIL 7.5UH COIL 7.5UH CONNECTOR (MALE) 6P TRANSISTOR (FEMALE) 6P TRANSISTOR (FEMALE) 6P TRANSISTOR TRANSIS	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	C0BBBA000019 K1KB40A00064 B1DFGD000010

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R1004,05	ERJ3GEYJ153	M.RESISTOR CH 1/16W 15K	2	
R1006	ERJ3RBD203	M.RESISTOR CH 1/16W 20K	1	
R1007	ERJ3RBD223	M.RESISTOR CH 1/16W 22K	1	
R1008	ERJ3RBD393	M.RESISTOR CH 1/16W 39K	1	
R1009	ERJ3RBD563	M.RESISTOR CH 1/16W 56K	1	
R1010	ERJ3RBD513	M.RESISTOR CH 1/16W 51K	1	
R1012	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R1013	ERJ6GEYJ100	M.RESISTOR CH 1/10W 10	1	
R1014,15	VRE0221H22M	M.RESISTOR	2	
R1016,17	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R1018-20	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	3	
R1021	ERJ3RBD473	M.RESISTOR CH 1/16W 47K	1	
R1022	ERJ3RBD223	M.RESISTOR CH 1/16W 22K	1	
R1023	ERJ3RBD273	M.RESISTOR CH 1/16W 27K	1	
R1024	ERJ3RBD223	M.RESISTOR CH 1/16W 22K	1	
R1025-27	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	3	
R1029	ERJ3GEYJ331	M.RESISTOR CH 1/16W 330	1	
R1030	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R1031	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R1032	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R1033	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R1035	ERJ8GEY0R00	M.RESISTOR CH 1/8W 0	1	
R1101	ERJ3RBD183	M.RESISTOR CH 1/16W 18K	1	
R1103	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R1104,05	ERJ3GEYJ153	M.RESISTOR CH 1/16W 15K	2	
R1106	ERJ3RBD203	M.RESISTOR CH 1/16W 20K	1	
R1107	ERJ3RBD823	M.RESISTOR CH 1/16W 82K	1	
R1108	ERJ3RBD392	M.RESISTOR CH 1/16W 3.9K	1	
R1109	ERJ3RBD473	M.RESISTOR CH 1/16W 47K	1	
R1110	ERJ3RBD623	M.RESISTOR CH 1/16W 62K	1	
R1112	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R1113	ERJ6GEYJ100	M.RESISTOR CH 1/10W 10	1	
R1114	VRE0221H22M	M.RESISTOR	1	
R1115	VRE0221H33M	M.RESISTOR	1	
R1116,17	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R1201	ERJ3RBD183	M.RESISTOR CH 1/16W 18K	1	
R1203	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R1204	ERJ3GEYJ153	M.RESISTOR CH 1/16W 15K	1	
R1209,10	ERJ3RBD223	M.RESISTOR CH 1/16W 22K	2	
R1212	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R1213	ERJ6GEYJ100	M.RESISTOR CH 1/10W 10	1	
R1214	VRE0221H33M	M.RESISTOR	1	
R1216	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R1217	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
TC4004	EVECCH	TEST POINT	_	
TG1001	EYF6CU	TEST POINT	1	
			<u> </u>	
			\vdash	
■ E16	VEP81204B	POWER SUB P.C.BOARD	1	(RTL)
= L10	VLI 01204B	TOWER GOD F.C.BOARD	<u></u> -	(KTL)
			\vdash	
C1302	ECUM1C105KBM	C.CAPACITOR CH 16V 1U	1	
C1302	ECST1VD106		1	
C1303	ECST1VD106 ECST1CY105Z	E.CAPACITOR 35V 10M T.CAPACITOR CH 16V 1U	1	
C1304	ECST1VY104Z	T.CAPACITOR CH 16V 10	1	
C1305	ECUX1H682KBN	C.CAPACITOR CH 35V 0.10	1	
C1306	ERJ3GEYJ224	M.RESISTOR CH 1/16W 220K	1	
C1307	ECUX1H102JCV	C.CAPACITOR CH 1/16W 220K	1	
C1309,10	ECUX1H471JCV	C.CAPACITOR CH 50V 470P	2	
C1309,10	ECUX1H183KBV	C.CAPACITOR CH 50V 470F	1	
C1313	ECUX1H183RBV	C.CAPACITOR CH 50V 3300P	1	
C1316		C.CAPACITOR CH 30V 3300F	1	
C1317		C.CAPACITOR CH 25V 0.22U	1	
C1317	VCEA1DSP680	E.CAPACITOR 20V 68U	1	
C1320	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C1323	VCEA1ASP181	E.CAPACITOR 10V 180U	1	
C1324	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C1325,26	EEFCD1B220R	E.CAPACITOR 12.5V 22U	2	
C1327,28	ECUX1C106KBP	C.CAPACITOR CH 16V 10U	2	
C1329	VCEA1DSP680	E.CAPACITOR 20V 68U	1	
C1330	ECUM1E224KBN	C.CAPACITOR CH 25V 0.22U	1	
C1331	ECST1EX335Z	T.CAPACITOR CH 25V 3.3U	1	
			1	

Pof No	Part No.	Part Namo & Description	Pcs	Pomarke
Ref.No. C1332	Part No. ECUX1H103KBV	Part Name & Description C.CAPACITOR CH 50V 0.01U	1	Remarks
C1334	VCEA1CSP680	E.CAPACITOR 16V 68U	1	
C1335	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C1336	EEFCD1C8R2R	E.CAPACITOR 16V 8.2U	1	
C1337	ECUX1C106KBP	C.CAPACITOR CH 16V 10U	1	
C1401	ECST1CY105Z	T.CAPACITOR CH 16V 1U	1	
C1402	ECST1VY104Z	T.CAPACITOR CH 35V 0.1U	1	
C1403	ECUX1H681JCV	C.CAPACITOR CH 50V 680P	1	E4.14.0.470.4.070
C1404 C1405	ERJ3GEYJ474	C.CAPACITOR CH 16V 0.047U M.RESISTOR CH 1/16W 470K	1	F1J1C473A078
C1406	ECUX1H471JCV	C.CAPACITOR CH 50V 470P	1	
C1408		C.CAPACITOR CH 25V 0.1U	1	
C1409	ECUX1H681JCV	C.CAPACITOR CH 50V 680P	1	
C1410	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C1412	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C1413		C.CAPACITOR CH 25V 0.22U	1	
C1414	VCEA1DSP680	E.CAPACITOR 20V 68U	1	
C1415	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C1416,17 C1418,19	ECUX1H103KBV ECUX1H333KBN	C.CAPACITOR CH 50V 0.01U C.CAPACITOR CH 50V 0.033U	2	
C1410,19	ECUX1H333KBN	C.CAPACITOR CH 50V 0.033U	2	
C1424	ECUX1H331JCV	C.CAPACITOR CH 50V 330P	1	
C1425	VCEA1DSP470	E.CAPACITOR 20V 47U	1	
C1426	VCEA1CSP680	E.CAPACITOR 16V 68U	1	
C1427,28	VCEA1DSP470	E.CAPACITOR 20V 47U	2	
C1429	EEUFC1J680	E.CAPACITOR 63V 68U	1	
C1430	VCEA1DSP470	E.CAPACITOR 20V 47U	1	
C1431	ECUM1E224KBN	C.CAPACITOR CH 25V 0.22U	1	
C1432	EEFCD1C8R2R	E.CAPACITOR 16V 8.2U	1	
C1433	ECUM1E224KBN	C.CAPACITOR CH 25V 0.22U	1	
D1303	MA142WK	DIODE	1	
D1304,05	NSQ03A04	DIODE	 	B0JCPE000013
D1306	MA8100-M	DIODE	1	50001 2000010
D1307-10	MA142K	DIODE	4	
D1311	MA8120-M	DIODE	1	
D1312	NSQ03A04	DIODE	1	B0JCPE000013
D1313	MA142K	DIODE	1	
D1401-04	SFPB-76V	DIODE	4	
D1405	U1GU44	DIODE	1	
D1406 D1407	SFPB-76V MA739	DIODE	1	
D1408-12	MA8068-MH	DIODE	5	
D1413	MA142K	DIODE	1	
D1414	MA8100-M	DIODE	1	
D1415	MA8068-MH	DIODE	1	
D1416	MA8100-M	DIODE	1	
D1417	MA8068-MH	DIODE	1	
D1418	MA142WA	DIODE	1	
D1419	MA142WK	DIODE	1	
104204.02	DA0742451/	10		
IC1301,02	BA9743AFV	IC	2	
L1301	VLQ0319K100	COIL 10UH	1	G1C100K00023
L1302,03	VLP0353	COIL	2	
L1304,05	VLQ0916N2R5	COIL 2.5UH	2	
L1306	VLQ0859M220	COIL 22UH	1	
L1307,08	VLQ0916N5R3	COIL 5.3UH	2	
L1309	VLQ0859M221	COIL 220U	1	
L1310	VLQ0916N5R3	COIL 5.3UH	1	
L1401,02 L1403	VLP0353 VLQ0916N2R5	COIL 2.5UH	1	
L1403 L1404,05	VLQ0916N2R5 VLQ0916N5R3	COIL 2.5UH	2	
_1707,00	. 2000 10140110	0.0011		
P1301	VJS4064K040H	CONNECTOR (FEMALE)	1	
Q1302	2SD1820A-R	TRANSISTOR	1	
Q1303	2SB1219A-R	TRANSISTOR	1	
Q1304	XN4401	TRANSISTOR-RESISTOR	1	
Q1305	2SD1820A-R	TRANSISTOR	1	
Q1306	2SJ489-4061	TRANSISTOR	1	
Q1307,08 Q1309	2SD1820A-R 2SB1219A-R	TRANSISTOR TRANSISTOR	1	
Q1310	XN4401	TRANSISTOR-RESISTOR	1	
Q1311	2SD1820A-R	TRANSISTOR	1	
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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
Q1312,13	2SJ489-4061	TRANSISTOR	2	
Q1401	2SD1820A-R	TRANSISTOR	1	
Q1402-04	2SB1219A-R	TRANSISTOR	3	
Q1405	2SD1820A-R	TRANSISTOR	1	
Q1406	2SB1219A-R	TRANSISTOR	1	
Q1407	XN4401	TRANSISTOR-RESISTOR	1	
Q1408	2SD1820A-R	TRANSISTOR	1	
Q1409	XN4401	TRANSISTOR-RESISTOR	1	
Q1410	2SD1820A-R	TRANSISTOR	1	
Q1411,12	2SK1748-Z	TRANSISTOR	2	
Q1413	2SD1820A-R	TRANSISTOR	1	
OP1201	LINE112	TRANSISTOR RESISTOR	1	
QR1301	UN5112	TRANSISTOR-RESISTOR		
QR1302	UN5211	TRANSISTOR-RESISTOR	1	
QR1303	UN5111 UN5211	TRANSISTOR-RESISTOR TRANSISTOR-RESISTOR	1	
QR1304				
QR1401 QR1402	UN5211 UN5113	TRANSISTOR-RESISTOR TRANSISTOR-RESISTOR	1	
QR1403,04	UN5211	TRANSISTOR-RESISTOR	2	
QR1405 QR1406,07	UN5111 UN5211	TRANSISTOR-RESISTOR TRANSISTOR-RESISTOR	2	
		TRANSISTOR-RESISTOR		
QR1408	UN5111	TIMBOOTON-REDIOTUR	1	
R1303	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R1303 R1304	ERJ3GEYJ103 ERJ3RBD153	M.RESISTOR CH 1/16W 10K	1	
R1305	ERJ3RBD472	M.RESISTOR CH 1/16W 15K	1	
R1305	ERJ3RBD472 ERJ3RBD223	M.RESISTOR CH 1/16W 4.7K	1	
R1306	ERJ3RBD333	M.RESISTOR CH 1/16W 22K	4	
R1311	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R1312	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R1313	ERJ3RBD472	M.RESISTOR CH 1/16W 4.7K	1	
R1314	ERJ3RBD242	M.RESISTOR CH 1/16W 2.4K	1	
R1315	ERJ3RBD363	M.RESISTOR CH 1/16W 36K	+ 1	
R1316	ERJ3RBD562	M.RESISTOR CH 1/16W 5.6K	1	
R1317	ERJ3RBD512	M.RESISTOR CH 1/16W 5.1K	T 1	
R1318	ERJ3GEYJ183	M.RESISTOR CH 1/16W 18K	+ 1	
R1320	ERJ3RBD303	M.RESISTOR CH 1/16W 30K	1	
R1321	ERJ3RBD911	M.RESISTOR CH 1/16W 910	1	
R1322	ERJ3RBD392	M.RESISTOR CH 1/16W 3.9K	1	
R1323	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R1324	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R1327	ERJ3GEYJ333	M.RESISTOR CH 1/16W 33K	1	
R1328	ERJL14KJ50M	M.RESISTOR CH 1/4W 5	1	
R1329	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	1	
R1330	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R1331	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R1332	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R1335,36		M.RESISTOR CH 1/16W 47K	2	
R1337	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R1338	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R1339	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
R1340	ERJ3GEYJ333	M.RESISTOR CH 1/16W 33K	1	
R1341	ERJ14RSJR10	M.RESISTOR CH 1/4W 0.1	1	
R1342	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	1	
R1343	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R1344	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R1345	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R1349	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R1350,51	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	2	
R1352	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R1353-55	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	3	
R1401-04	ERJ3RBD333	M.RESISTOR CH 1/16W 33K	4	
R1405	ERJ3GEYJ153	M.RESISTOR CH 1/16W 15K	1	
R1406	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R1407	ERJ3GEYJ153	M.RESISTOR CH 1/16W 15K	1	
R1408	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R1409	ERJ3RBD683	M.RESISTOR CH 1/16W 68K	1	
R1410	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R1411	ERJ3RBD622	M.RESISTOR CH 1/16W 6.2K	1	
R1412	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R1413	ERJ3RBD823	M.RESISTOR CH 1/16W 82K	1	
R1414	ERJ3RBD681	M.RESISTOR CH 1/16W 680	1	
R1415	ERJ3RBD562	M.RESISTOR CH 1/16W 5.6K	1	
R1416	ERJ3GEYJ563	M.RESISTOR CH 1/16W 56K	1	
R1417	ERJ3GEYJ333	M.RESISTOR CH 1/16W 33K	1	
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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R1418	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R1419	ERJ3GEYJ563	M.RESISTOR CH 1/16W 56K	1	
R1420	ERJ3GEYJ333	M.RESISTOR CH 1/16W 33K	1	
R1421	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R1422	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
R1423	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R1424	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
R1425	ERJ14RSJR10	M.RESISTOR CH 1/4W 0.1	1	
R1426	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	1	
R1427	ERJ3GEYJ333	M.RESISTOR CH 1/16W 33K	1	
R1428	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R1429	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R1430	ERJ14RSJR10	M.RESISTOR CH 1/4W 0.1	1	
R1431	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	1	
R1432	ERJ3GEYJ333	M.RESISTOR CH 1/16W 33K	1	
R1433	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R1434	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R1435	ERJ8GEYJ472	M.RESISTOR CH 1/8W 4.7K	1	
R1436	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R1437	ERJ8GEYJ472	M.RESISTOR CH 1/8W 4.7K	1	
R1439	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R1440	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R1440 02	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	
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R1442	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	
R1444	ERJ3GEYJ121	M.RESISTOR CH 1/16W 120	1	
R1445,46	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R1447	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R1448-50	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	3	
R1451	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R1452	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R1453	ERJ3GEYJ823	M.RESISTOR CH 1/16W 82K	1	
	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R1454,55				
R1456	ERJ6GEYG564	M.RESISTOR CH 1/10W 560K	1	
T1401	VTP0540	TRANSFORMER	1	
T1402	VTP0541	TRANSFORMER	1	
TG1301	EYF6CU	TEST POINT	1	
			1	
TP1301	EYF6CU	TEST POINT	1	
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■ E17	VEP84331C	AUDIO LCD P.C.BOARD	1	(RTL)
B62000	BCR20H4	BUTTON BATTERY HOLDER	1	
C40001	ECHM1C3347EN	C.CAPACITOR CH 16V 0.33U	1	
C40001	EEVHB1H100	E.CAPACITOR CH 16V 0.330	1	
C40003-08	EEVHB0J470	E.CAPACITOR 6.3V 47U	6	
C40009	EEVHB0G470	E.CAPACITOR 4V 47U	1	
C40010	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C40011-14	EEVHB0J470	E.CAPACITOR 6.3V 47U	4	
C40015	EEVHB1H100	E.CAPACITOR 50V 10U	1	
C40016-19	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	4	
C41001,02	ECUX1H471JCV	C.CAPACITOR CH 50V 470P	2	
C41003,04	EEVHB1H100	E.CAPACITOR 50V 10U	2	
C41005	ECUX1H330JCV	C.CAPACITOR CH 50V 33P	1	
C41006,07	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C41008,07	ECUX1H330JCV	C.CAPACITOR CH 25V 0.10	1	
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C41009,10	ECUX1H471JCV	C.CAPACITOR CH 50V 470P	2	
C41011,12	EEVHB1H100	E.CAPACITOR 50V 10U	2	
C41013	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C41014	ECUX1H330JCV	C.CAPACITOR CH 50V 33P	1	
C41015	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C41016	ECUX1H330JCV	C.CAPACITOR CH 50V 33P	1	
C41017,18	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C41019	EEVHP0J100	E.CAPACITOR 6.3V 10U	1	
C41020	ECUM1H153KBN	C.CAPACITOR CH 50V 0.015U	1	
C41021,22		C.CAPACITOR CH 50V 0.027U	2	
C41023-26	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	4	
C41027,28	LCOWITH 104KBM	C.CAPACITOR CH 50V 0.1U	2	
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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C41029,30	ECUX1H330JCV	C.CAPACITOR CH 50V 33P	2	
C41031-34	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	4	
C42001,02	ECUX1H471JCV	C.CAPACITOR CH 50V 470P	2	
C42003,04	EEVHB1H100	E.CAPACITOR 50V 10U C.CAPACITOR CH 50V 33P	1	
C42005 C42006,07	ECUX1H330JCV ECUX1E104ZFV	C.CAPACITOR CH 50V 33P	2	
C42008	ECUX1H330JCV	C.CAPACITOR CH 50V 33P	1	
C42009,10	ECUX1H471JCV	C.CAPACITOR CH 50V 470P	2	
C42011,12	EEVHB1H100	E.CAPACITOR 50V 10U	2	
C42013	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C42014	ECUX1H330JCV	C.CAPACITOR CH 50V 33P	1	
C42015	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C42016	ECUX1H330JCV	C.CAPACITOR CH 50V 33P	1	
C42017,18	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C42019	EEVHP0J100	E.CAPACITOR 6.3V 10U	1	
C42020	ECUM1H153KBN	C.CAPACITOR CH 50V 0.015U	1	
C42021,22 C42023-26	ECUM1H273KBN ECUX1E104ZFV	C.CAPACITOR CH 50V 0.027U C.CAPACITOR CH 25V 0.1U	4	
C42027,28	ECUM1H104KBM	C.CAPACITOR CH 50V 0.1U	2	
C42029,30	ECUX1H330JCV	C.CAPACITOR CH 50V 33P	2	
C42031	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C43001	EEVHP0J470	E.CAPACITOR 6.3V 47U	1	
C43002	EEVHP0J100	E.CAPACITOR 6.3V 10U	1	
C43003-06	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	4	
C43007	ECUX1H151JCV	C.CAPACITOR CH 50V 150P	1	
C43008	EEVHP0J100	E.CAPACITOR 6.3V 10U	1	
C43009	EEVHB0J220	E.CAPACITOR 6.3V 22U	1	
C43010	EEVHB1C100	E.CAPACITOR 16V 10U	1	
C43011	EEVHP0J470	E.CAPACITOR 6.3V 47U	1	
C43012	EEVHP0J100	E.CAPACITOR 6.3V 10U	1	
C43013-16 C43017	ECUX1E104ZFV ECUX1H151JCV	C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 50V 150P	1	
C43017	EEVHP0J100	E.CAPACITOR 6.3V 10U	1	
C43019	EEVHB0J220	E.CAPACITOR 6.3V 22U	1	
C43020	EEVHB1C100	E.CAPACITOR 16V 10U	1	
C43021	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C43022,23	ECHU1H102JB	P.CAPACITOR 50V 1000P	2	
C43024	EEVHB1C100	E.CAPACITOR 16V 10U	1	
C43025,26	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C43027	ECUM1C105KBM	C.CAPACITOR CH 16V 1U	1	
C44001-04	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	4	
C44005	ECUX1H330JCV	C.CAPACITOR CH 50V 33P	1	
C44006 C44007	EEVHB0J220 ECUX1E104ZFV	E.CAPACITOR 6.3V 22U C.CAPACITOR CH 25V 0.1U	1	
C44007	ECUX1H330JCV	C.CAPACITOR CH 25V 0.10	1	
C44009	EEVHB1C100	E.CAPACITOR 16V 10U	1	
C44010		C.CAPACITOR CH 25V 0.1U	1	
C44011		C.CAPACITOR CH 50V 33P	1	
C44012	ECUX1H152KBV	C.CAPACITOR CH 50V 1500P	1	
C44013	ECUX1H330JCV	C.CAPACITOR CH 50V 33P	1	
C44014	EEVHB0J220	E.CAPACITOR 6.3V 22U	1	
C44015	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C44016	ECUX1H330JCV	C.CAPACITOR CH 50V 33P	1	
C44017	EEVHB1C100	E.CAPACITOR 16V 10U	1	
C44018	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C44019	ECUX1H330JCV	C.CAPACITOR CH 50V 33P	1	
C44020 C44021	ECUX1H152KBV ECUX1E104ZFV	C.CAPACITOR CH 50V 1500P C.CAPACITOR CH 25V 0.1U	1	
C44021	EEVHB1C100	E.CAPACITOR CH 25V 0.10	1	
C44023-25	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C44026,27	EEVHB1C100	E.CAPACITOR 16V 10U	2	
C44028-30		C.CAPACITOR CH 25V 0.1U	3	
C44031	EEVHB1C100	E.CAPACITOR 16V 10U	1	
C44032-34	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C44035	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C44036	EEVHB1C100	E.CAPACITOR 16V 10U	1	
C44037	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C44038	EEVHB0J101	E.CAPACITOR 6.3V 100U	1	
C44039	EEVHB0J220 ECUX1E104ZFV	E.CAPACITOR 6.3V 22U C.CAPACITOR CH 25V 0.1U	2	
C44040,41 C44042	EEVHB0J220	E.CAPACITOR CH 25V 0.10	1	
	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
	EEVHP0J100	E.CAPACITOR 6.3V 10U	2	
C45003,04	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C45005	EEVHP1C100	E.CAPACITOR 16V 10U	1	
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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C45006,07	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C45008,09	ECUX1H330JCV	C.CAPACITOR CH 50V 33P	2	
C45010,11	EEVHB1C470	E.CAPACITOR 16V 47U	2	
C45012,13	EEVHP0J100	E.CAPACITOR 6.3V 10U	2	
C45014,15	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C45016	EEVHP1C100	E.CAPACITOR 16V 10U	1	
C45017,18	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C45019,20	ECUX1H330JCV	C.CAPACITOR CH 50V 33P	2	
C45021,22	EEVHB1C470	E.CAPACITOR 16V 47U	2	
C45023,24	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C45025,26	ECUM1C105KBM	C.CAPACITOR CH 16V 1U	2	
C45028-31	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	4	
C45033,34	EEVHB1C470	E.CAPACITOR 16V 47U	2	
C45035,36	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C46001	EEVHB0J101	E.CAPACITOR 6.3V 100U	1	
C46002	EEVHB1C470	E.CAPACITOR 16V 47U	1	
C46003	EEVHB0J470	E.CAPACITOR 6.3V 47U	1	
C46004	ECUX1C224ZFV	C.CAPACITOR CH 16V 0.22U	1	
C46005	EEVHB0J101	E.CAPACITOR 6.3V 100U	1	
C46006	EEVHB0J470	E.CAPACITOR 6.3V 47U	1	
C46007	ECUX1C224ZFV	C.CAPACITOR CH 16V 0.22U	1	
C46008	EEVHB1C470	E.CAPACITOR 16V 47U	1	
C46009	ECUM1E473KBN	C.CAPACITOR CH 25V 0.047U	1	
C46010	EEVHB0J470	E.CAPACITOR 6.3V 47U	1	
C46011	EEVHB1C100	E.CAPACITOR 16V 10U	1	
C46012	EEVHB0J101	E.CAPACITOR 6.3V 100U	1	
C46013,14	EEVHB1C100	E.CAPACITOR 16V 10U	2	
C46015,16		C.CAPACITOR CH 16V 1U	2	
C46017-19	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C46021,22	ECCF1H470JC	C.CAPACITOR 50V 470P	2	
C47001-04	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	4	
C47005	EEVHB1C100	E.CAPACITOR 16V 10U	1	
C47006-09	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	4	
C47010	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C47011	EEVHB1C100	E.CAPACITOR 16V 10U	1	
C47012	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C47013	EEVHB0J470	E.CAPACITOR 6.3V 47U	1	
C47014	EEVHP0J100	E.CAPACITOR 6.3V 10U	1	
C47015,16	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C47017	EEVHP0J100	E.CAPACITOR 6.3V 10U	1	
C47018,19	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C47020	ECUM1H273KBN	C.CAPACITOR CH 50V 0.027U	1	
C47021	ECUM1C105KBM		1	
C48001	ECUM1C105KBM		1	
C48002-05	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	4	
C48006	ECUX1H181JCV	C.CAPACITOR CH 50V 180P	1	
C48007	ECUX1H391JCV	C.CAPACITOR CH 50V 390P	1	
C48008,09	ECUM1C105KBM	C.CAPACITOR CH 16V 1U	2	
C48010		C.CAPACITOR CH 25V 0.1U	1	
C48011		E.CAPACITOR 16V 22U	1	
C48012		C.CAPACITOR CH 25V 0.1U	1	
C48013	EEVHB0J470	E.CAPACITOR 6.3V 47U	1	
C48014	ECUM1C105KBM	C.CAPACITOR CH 16V 1U	1	
C48015	EEVHB1C100	E.CAPACITOR 16V 10U	1	
C48016	ECST1VY104Z	T.CAPACITOR CH 35V 0.1U	1	
C48017		C.CAPACITOR CH 16V 1U	1	
C48021	ECUX1H330JCV	C.CAPACITOR CH 50V 33P	1	
C48022,23		C.CAPACITOR CH 25V 0.1U	2	
C48024,25	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	2	
C48026	ECUM1C105KBM	C.CAPACITOR CH 16V 1U	1	
C60001-06	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	6	
C60007	EEVHB1HR33	E.CAPACITOR 50V 0.33U	1	
C60009-13	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	5	
C60014	ECUX1H330JCV	C.CAPACITOR CH 50V 33P	1	
C60015	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C60016	ECUX1H330JCV	C.CAPACITOR CH 50V 33P	1	
C60017,18	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	2	
C60019,20	ECUX1H561JCV	C.CAPACITOR CH 50V 560P	2	
C60021,22	EEVHB1C470	E.CAPACITOR 16V 47U	2	
C60023-26	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	4	
C61000-02	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	3	
C62002	EEVHB1V220P	E.CAPACITOR 35V 22U	1	
C62004	ECUM1C105ZFN	C.CAPACITOR CH 16V 1U	1	
C62005	EEVHB0J470	E.CAPACITOR 6.3V 47U	1	
C62006	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	

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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C62007 C62008,09	EEVHB1C100 ECUX1E104ZFV	E.CAPACITOR 16V 10U C.CAPACITOR CH 25V 0.1U	2	
C62008,09 C62010	EEVHB1C100	E.CAPACITOR CH 25V 0.10	1	
C62010	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
	EEVHB0J330	E.CAPACITOR 6.3V 33U	2	
C62016,17 C62018,19	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C62020	ECUM1H273KBN	C.CAPACITOR CH 25V 0.10	1	
C62021	EEVHB0J330	E.CAPACITOR 6.3V 33U	1	
C62021	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
			1	
C62023	ECUX1H220JCV		+	
C62024	EEVHB0J330	E.CAPACITOR 6.3V 33U	1	
D40001	MA142WK	DIODE	1	
D41001,02	MA142K	DIODE	2	
D41003-06	MA3J14300L	DIODE	4	
D42001,02	MA142K	DIODE	2	
D42003-06	MA3J14300L	DIODE	4	
D43001-03	MA142K	DIODE	3	
D46001	MA3J14300L	DIODE	1	
D60001	MA142WA	DIODE	1	
D60002,03	MA714	DIODE	2	
D61000	BR3902S	DIODE	1	B3AAA0000432
D61001-10	LNJ310M6URA	DIODE	10	
D61011-26	MA142WK	DIODE	16	
D62001	MA142K	DIODE	1	
D62002	MA8150-H	DIODE	1	
D62003	MA142K	DIODE	1	
D62005	MA142WA	DIODE	1	
DP61000	T554010A	DISPLAY	1	
FL48001	VLF1069	FILTER	1	
IC40001	NJM78L09UA	IC	1	C0CBAHC00002
IC40002	TVHC165FT	IC	1	
IC41001-03	NJM2122M	IC	3	
IC41004	NJM4580ED	IC	1	C0ABBB000123
IC41005	MC14053BF	IC	1	
IC41006	NJM2904M	IC	1	
IC41007	NJM4580ED	IC	1	C0ABBB000123
IC42001-03	NJM2122M	IC	3	
IC42004	NJM4580ED	IC	1	C0ABBB000123
IC42005	MC14053BF	IC	1	
IC43001	C0JBAR000242	IC	1	C0JBAR000021
IC43002	NJM4580ED	IC	1	C0ABBB000123
IC43003	C0JBAR000242	IC	1	C0JBAR000021
IC43004	NJM4580ED	IC	1	C0ABBB000123
IC43005	TVHC08FT	IC	1	00/12/2000/120
IC43006	NJM062M-D	IC	1	
IC44001	XC62FP5002P	IC	1	
IC44002,03	NJM2100MD	IC	2	
IC44004	NJM4580ED	IC	1	C0ABBB000123
IC44005	AK5340VS	IC	1	C0FBAZ000004
IC44005	TC7W125FU	IC	<u> </u>	
IC44006	TVHT244FT	IC IC	1	
			+	COERR IDOOOG
IC44008	AK4320VM	IC	1	C0FBBJ000006
IC44009	NJM062M-D		+	
IC44010 IC44011	MC14053BF TC7W04FU	IC IC	1	
		IC	1	
IC45001	NJM062M-D	IC	1	004 P.P.P.000040
IC45002	NJM4556AM	IC	1	C0ABBB000042
IC45003	NJM062M-D	IC	1	
IC45004	NJM4556AM	IC	1	C0ABBB000042
IC45005	NJM062M-D	IC	1	0.0000000000000000000000000000000000000
IC45006	C0JBAR000242	IC	1	C0JBAR000021
IC45007	MC14053BF	IC	1	
IC45008	NJM062M-D	IC	1	
IC46001	NJM2073M	IC	1	
IC46002	NJM386M	IC	1	C1BB00000134
IC46003	BA6138F	IC	1	
IC47001	MS5117805D6J	IC	1	
IC47002	MB621926	IC	1	
IC47003	TC7W04FU	IC	1	
IC47004	TVHT244FT	IC	1	
IC47005	AK4320VM	IC	1	C0FBBJ000006
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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
IC47007,08	NJM062M-D	IC	2	
IC48001	MC14053BF	IC	1	
IC48002	NJM062M-D	IC	1	
IC48003	CXA1552M	IC	1	
IC48005	NJM062M-D	IC	1	
IC60001	TVHC08FT	IC	1	
IC60001	C0JBAB000196	IC	1	
IC60003	TVHC32FT	IC	1	
IC60004	TVHC74FT	IC	1	
IC60005,06	TVHT573FT	IC	2	
IC60008	LVX3245QSC	IC	1	
IC60009	STK12C68S45	IC	1	
IC60010	C0EBJ0000049	IC	1	
IC60011	LVX3245QSC	IC	1	
IC61000	UPD16431AGC	IC	1	C0HBA0000023
IC61002	THC4053FT	IC	1	
IC62001	S81350HGKD	IC	1	
IC62002	AN77L10M	IC	1	
IC62003	XC62FP3202M	IC	1	
IC62007				
	S8420BF	IC	1	
IC62009	TVHT541FT	IC	1	0.4707
IC62010	UPD4992GS	IC	1	C1ZBZ0000878
			<u> </u>	
ID60001	VVVSI3690	SOFTWARE	1	
			L	
IP60001	D70F3017AGC	IC	1	
L40001,02	VLF1151A132	COIL	2	
L41001-04	VLQ0163J100	COIL 10UH	4	G1C100J00001
L42001-04	VLQ0163J100	COIL 10UH		G1C100J00001
L44001	VLQ0163J100	COIL 10UH	1	G1C100J00001
L44001	VEQ01033100	10011	<u></u>	G1C100300001
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P40001	VJS2848D015	CONNECTOR (FEMALE)		K1MN15B00017
P40002	VJS2848D020	CONNECTER (FEMALE)	+	K1MN20B00013
P40003	VJS2848D012	CONNECTOR (FEMALE)	1	
P40004-06	VJP4395B006	CONNECTOR (MALE)	3	
P40007	VJP4395D003	CONNECTOR (MALE)	1	
P40008	VJP4395D014	CONNECTOR (MALE)	1	
P40009	VJS2848D015	CONNECTOR (FEMALE)	1	K1MN15B00017
P40010	VJP4395D004	CONNECTOR (MALE)	1	
P40011	VJP3172D002	CONNECTOR (MALE)	1	K1KA02B00051
P40013	VJS3791B020	CONNECTOR (FEMALE)	1	
			<u> </u>	
PC41001	MCD5223	IC		B3RAC0000004
PC42001	MCD5223 MCD5223	IC	+	B3RAC0000004
FC42001	WICD3223		<u> </u>	B3RAC0000004
			<u>. </u>	
Q40001	2SD1821-R	TRANSISTOR	1	
Q40002,03	2SD602A-R	TRANSISTOR	2	
Q40004,05	2SB710A-R	TRANSISTOR	2	
Q41001,02	2SB1220-R	TRANSISTOR	2	
Q42001,02	2SB1220-R	TRANSISTOR	2	
Q43001,02	2SD1979	TRANSISTOR	2	
Q43003	2SD1819A-R	TRANSISTOR	1	
Q43004	2SD1979	TRANSISTOR	1	
Q43005,06	2SD1819A-R	TRANSISTOR	2	
Q43007,08	2SD1979	TRANSISTOR	2	
Q43009	2SD1819A-R	TRANSISTOR	1	
Q43010	2SD1979	TRANSISTOR	1	
Q43011,12	2SD1819A-R	TRANSISTOR	2	
Q43013	2SK663-R	TRANSISTOR	1	
Q44001	XN1213	TRANSISTOR-RESISTOR	1	
Q45001,02	2SD1979	TRANSISTOR	2	
Q45003	HAT1033T	TRANSISTOR	1	
Q45004	HAT2042T	TRANSISTOR	1	
Q46001-04	2SD1979	TRANSISTOR	4	
Q46005	2SB1219-R	TRANSISTOR	1	
Q47001	HAT1033T	TRANSISTOR	1	
Q61000,01	2SD602A-S	TRANSISTOR	2	
Q62001,02	2SD968-R	TRANSISTOR	2	
Q62003-10	XN1213	TRANSISTOR-RESISTOR	8	
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QR40001	UN5113	TRANSISTOR-RESISTOR	1	
QR41001	UN5113	TRANSISTOR-RESISTOR	1	
QR41002,03		TRANSISTOR-RESISTOR	2	
QR41004-06	UN5113	TRANSISTOR-RESISTOR	3	
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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
QR41007,08		TRANSISTOR-RESISTOR	2	
QR42001	UN5113	TRANSISTOR-RESISTOR TRANSISTOR-RESISTOR	2	
QR42002,03 QR42004,05		TRANSISTOR-RESISTOR	2	
QR42006,07		TRANSISTOR-RESISTOR	2	
QR43001,02		TRANSISTOR-RESISTOR	2	
QR43003,04	UN5213	TRANSISTOR-RESISTOR	2	
QR43005,06	UN5113	TRANSISTOR-RESISTOR	2	
QR43007,08	UN5213	TRANSISTOR-RESISTOR	2	
QR45001,02	UN5213	TRANSISTOR-RESISTOR	2	
QR45003	UN5113	TRANSISTOR-RESISTOR	1	
QR46001	UN5113	TRANSISTOR-RESISTOR	1	
QR46002	UN5213	TRANSISTOR-RESISTOR	1	
QR46003 QR47001,02	UN5113	TRANSISTOR-RESISTOR TRANSISTOR-RESISTOR	2	
QR61000,01		TRANSISTOR-RESISTOR	2	
QR62001	UN5213	TRANSISTOR-RESISTOR	1	
			1	
R1	ERJ3GEYJ683	M.RESISTOR CH 1/16W 68K	1	
R40001	ERJ3GEYJ272	M.RESISTOR CH 1/16W 2.7K	1	
R40002-05	ERJ3GEYJ331	M.RESISTOR CH 1/16W 330	4	
R40013-16	EXB24V103J	COMBI.R-R 10K	4	
R40017	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R40018	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
R40029	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R40030	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R40031 R40032,33	ERJ3GEYJ101 ERJ3GEYJ103	M.RESISTOR CH 1/16W 100 M.RESISTOR CH 1/16W 10K	2	
R40032,33	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R41001,02	ERJ12YJ682	M.RESISTOR CH 1/2W 6.8K	2	
R41003,04	ERJ3RBD273	M.RESISTOR CH 1/16W 27K	2	
R41005	ERJ3RBD123	M.RESISTOR CH 1/16W 12K	1	
R41006	ERJ3RBD182	M.RESISTOR CH 1/16W 1.8K	1	
R41007	ERJ6RBD472	M.RESISTOR CH 1/10W 4.7K	1	
R41008,09	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	2	
R41010	ERJ3RBD181	M.RESISTOR CH 1/16W 180	1	
R41011	ERJ3RBD222	M.RESISTOR CH 1/16W 2.2K	1	
R41013-17	ERJ3RBD472	M.RESISTOR CH 1/16W 4.7K	5	
R41018	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R41019 R41020	ERJ3RBD472 ERJ6RBD472	M.RESISTOR CH 1/16W 4.7K M.RESISTOR CH 1/10W 4.7K	1	
R41020	ERJ12YJ682	M.RESISTOR CH 1/2W 6.8K	2	
R41023,24	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	2	
R41025	ERJ3RBD561	M.RESISTOR CH 1/16W 560	1	
R41026	ERJ3RBD202	M.RESISTOR CH 1/16W 2K	1	•
R41028-32	ERJ3RBD472	M.RESISTOR CH 1/16W 4.7K	5	
R41033	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R41034	ERJ3RBD472	M.RESISTOR CH 1/16W 4.7K	1	
R41035	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R41036	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R41037	ERJ3GEYJ183	M.RESISTOR CH 1/16W 18K	1	
R41038 R41039,40	ERJ3GEYJ473 ERJ3GEYJ104	M.RESISTOR CH 1/16W 47K M.RESISTOR CH 1/16W 100K	2	
R41039,40 R41041	ERJ3GEYJ334	M.RESISTOR CH 1/16W 100K	1	
R41041	ERJ3GEYJ104	M.RESISTOR CH 1/16W 330K	1	
R41043	ERJ3GEYJ334	M.RESISTOR CH 1/16W 330K	1	
R41044	EXB24V473J	COMBI.R-R 47K	1	
R41045	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R41046	ERJ3GEYJ154	M.RESISTOR CH 1/16W 150K	1	
R41047	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R41048	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R41049	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
	ERJ12YJ682	M.RESISTOR CH 1/2W 6.8K	2	
	ERJ3RBD273 ERJ3RBD123	M.RESISTOR CH 1/16W 27K	1	
R42005 R42006	ERJ3RBD123 ERJ3RBD182	M.RESISTOR CH 1/16W 12K M.RESISTOR CH 1/16W 1.8K	1	
R42006 R42007	ERJ6RBD472	M.RESISTOR CH 1/16W 1.8K	1	
	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	2	
R42010	ERJ3RBD181	M.RESISTOR CH 1/16W 180	1	
R42011	ERJ3RBD222	M.RESISTOR CH 1/16W 2.2K	1	
R42013-17	ERJ3RBD472	M.RESISTOR CH 1/16W 4.7K	5	
R42018	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R42019	ERJ3RBD472	M.RESISTOR CH 1/16W 4.7K	1	
R42020	ERJ6RBD472	M.RESISTOR CH 1/10W 4.7K	1	
R42021,22	ERJ12YJ682	M.RESISTOR CH 1/2W 6.8K	2	
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Ref.No.	Part No.	Part Name & Description M.RESISTOR CH 1/16W 10K	Pcs	Remarks
R42023,24 R42025	ERJ3RBD103 ERJ3RBD561	M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 560	1	
R42026	ERJ3RBD202	M.RESISTOR CH 1/16W 2K	1	
R42028-32	ERJ3RBD472	M.RESISTOR CH 1/16W 4.7K	5	
R42033	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R42034	ERJ3RBD472	M.RESISTOR CH 1/16W 4.7K	1	
R42035	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R42036	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R42037	ERJ3GEYJ183	M.RESISTOR CH 1/16W 18K	1	
R42038	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R42039,40	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	2	
R42041	ERJ3GEYJ334	M.RESISTOR CH 1/16W 330K	1	
R42042	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R42043	ERJ3GEYJ334	M.RESISTOR CH 1/16W 330K	1	
R42044	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R42046	EXB24V473J	COMBI.R-R 47K	1	
R42047	ERJ3GEYJ154	M.RESISTOR CH 1/16W 150K	1	
R42048	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R42049	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R42050	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R43001	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R43002	ERJ3GEYG822	M.RESISTOR CH 1/16W 8.2K	1	
R43003	ERJ3GEYJ272	M.RESISTOR CH 1/16W 2.7K	1	
R43004	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R43005	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
R43006	ERJ3GEYG822	M.RESISTOR CH 1/16W 8.2K M.RESISTOR CH 1/16W 10K	1	
R43007	ERJ3GEYJ103		1	
R43008	ERJ3GEYJ681 ERJ3GEYJ103	M.RESISTOR CH 1/16W 680	1	
R43009 R43010	ERJ3GEYJ103 ERJ3GEYJ391	M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 390	1	
R43010	ERJ3GEYG472	M.RESISTOR CH 1/16W 390	1	
R43012	ERJ3GEYJ470	M.RESISTOR CH 1/16W 4.7K	1	
R43013,14	ERJ3GEYG152	M.RESISTOR CH 1/16W 4/	2	
R43015	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R43016	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
R43017	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R43018,19	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	
R43020	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R43021	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R43022	ERJ3GEYJ155	M.RESISTOR CH 1/16W 1.5M	1	
R43023	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R43024	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R43026	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R43027	ERJ3GEYG822	M.RESISTOR CH 1/16W 8.2K	1	
R43028	ERJ3GEYJ272	M.RESISTOR CH 1/16W 2.7K	1	
R43029	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R43030	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
R43031	ERJ3GEYG822	M.RESISTOR CH 1/16W 8.2K	1	
R43032	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R43033	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
R43034	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R43035	ERJ3GEYJ391	M.RESISTOR CH 1/16W 390	1	
R43036	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R43037	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R43038,39	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	2	
R43040	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R43041	ERJ3GEYJ681 ERJ3GEYG332	M.RESISTOR CH 1/16W 680 M.RESISTOR CH 1/16W 3.3K	1	
R43042			1	
R43043,44 R43045	ERJ3GEYJ103 ERJ3GEYJ473	M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 47K	1	
R43045 R43046	ERJ3GEYJ473 ERJ3GEYJ101	M.RESISTOR CH 1/16W 4/K M.RESISTOR CH 1/16W 100	1	
R43047	ERJ3GEYJ155	M.RESISTOR CH 1/16W 1.5M	1	
R43048	ERJ3GEYJ104	M.RESISTOR CH 1/16W 1.5W	1	
R43049	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R43051,52	ERJ6RED164	M.RESISTOR CH 3W 160K	2	
R43053	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
R43054	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	1	
R43055	VRE006608222	V.RESISTOR CH 1/10W 2.2K	1	D0YD222J0001
R43056	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R43057	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
R43058,59	EXB24V473J	COMBI.R-R 47K	2	
R44001,02	ERJ3RBD472	M.RESISTOR CH 1/16W 4.7K	2	
R44003-08	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	6	
R44009,10	ERJ3RBD331	M.RESISTOR CH 1/16W 330	2	
R44011,12	ERJ3RBD472	M.RESISTOR CH 1/16W 4.7K	2	
			1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R44013-18	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	6	
R44019,20	ERJ3RBD331	M.RESISTOR CH 1/16W 330	2	
R44021	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
R44022	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	1	
R44023	ERJ3RBD332	M.RESISTOR CH 1/16W 3.3K	1	
R44024	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R44025	ERJ3RBD332	M.RESISTOR CH 1/16W 3.3K	1	
R44026	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R44029	EXB24V473J	COMBI.R-R 47K	1	
R45001	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R45002,03	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R45004	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R45005	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R45006,07	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	2	
R45008-11	ERJ3RBD332	M.RESISTOR CH 1/16W 3.3K	4	
R45012,13	ERJ3RBD333	M.RESISTOR CH 1/16W 33K	2	
R45014,15	ERJ3RBD393	M.RESISTOR CH 1/16W 39K	2	
R45016,17	ERJ14YJ330	M.RESISTOR CH 1/4W 33	2	
R45018	ERJ3RBD182	M.RESISTOR CH 1/16W 1.8K	1	
R45019	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R45020	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R45021	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R45022	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R45023,24	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R45025	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R45026	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R45027,28	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	2	
R45029-32	ERJ3RBD332	M.RESISTOR CH 1/16W 3.3K	4	
R45033,34	ERJ3RBD333	M.RESISTOR CH 1/16W 33K	2	
R45035,36	ERJ3RBD393	M.RESISTOR CH 1/16W 39K	2	
R45037,38	ERJ14YJ330	M.RESISTOR CH 1/4W 33	2	
R45039	ERJ3RBD182	M.RESISTOR CH 1/16W 1.8K	1	
R45040	ERJ3RBD103	M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 0	1	
R45041	ERJ3GEY0R00		1	
R45042	ERJ3RBD103	M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10K	2	
R45043,44 R45046	ERJ3GEYJ103 ERJ3GEYG822	M.RESISTOR CH 1/16W 10K	1	
			1	
R45047 R45049	ERJ3GEYG332 ERJ3GEYJ823	M.RESISTOR CH 1/16W 3.3K M.RESISTOR CH 1/16W 82K	1	
R45050-52	ERJ3GEYJ184	M.RESISTOR CH 1/16W 82K	3	
R45053	EXB24V473J	COMBI.R-R 47K	1	
R45054	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R46001	ERJ3GEYJ183	M.RESISTOR CH 1/16W 47K	1	
R46002	ERJ3GEYJ124	M.RESISTOR CH 1/16W 120K	1	
R46003	ERJ3GEYJ562	M.RESISTOR CH 1/16W 120K	1	
R46004	ERJ3GEYJ390	M.RESISTOR CH 1/16W 3.9	1	
R46005	ERJ6GEYJ4R7	M.RESISTOR CH 1/10W 4.7K	1	
	ERJ6GEYJ150	M.RESISTOR CH 1/10W 4.7K	4	
R46010	ERJ3GEYJ103	M.RESISTOR CH 1/16W 15	1	
R46010	ERJ3GEY0R00	M.RESISTOR CH 1/16W 10K	<u> </u>	
R46012	ERJ3GEYJ183	M.RESISTOR CH 1/16W 0	1	
R46013	ERJ3GETJ163	M.RESISTOR CH 1/16W 120K	1	
R46014	ERJ3GEYJ562	M.RESISTOR CH 1/16W 120K	1	
R46015	ERJ6GEYJ4R7	M.RESISTOR CH 1/10W 4.7K	1	
R46016-19	ERJ6GEYJ150	M.RESISTOR CH 1/10W 4.7K	4	
R46020	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R46021,22	ERJ3GEYJ273	M.RESISTOR CH 1/16W 27K	2	
R46023	ERJ3GEYJ124	M.RESISTOR CH 1/16W 120K	1	
R46024	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R46025	ERJ3GEYJ153	M.RESISTOR CH 1/16W 15K	1	
R46026	ERJ3GEYJ390	M.RESISTOR CH 1/16W 39	1	
R46027	ERJ6GEYJ100	M.RESISTOR CH 1/10W 10	1	
	ERJ6GEYJ150	M.RESISTOR CH 1/10W 15	4	
R46032	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R46033,34	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	2	
R46035,36	ERJ3GEYJ334	M.RESISTOR CH 1/16W 330K	2	
R46037-39	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	3	
R46040-42	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	3	
R46043	ERJ3GEYJ151	M.RESISTOR CH 1/16W 150	1	
R46044	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R46045	ERJ3GEYJ151	M.RESISTOR CH 1/16W 150	1	
R47001	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R47002	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R47003	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R47004	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R47006	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	1	
R47007 R47009	ERJ3GEY0R00 ERJ3GEYJ223	M.RESISTOR CH 1/16W 0 M.RESISTOR CH 1/16W 22K	1	
R47009 R47010,11	ERJ3GEYJ103	M.RESISTOR CH 1/16W 22K	2	
R47013	ERJ3GEYG822	M.RESISTOR CH 1/16W 8.2K	1	
R47014	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R47015	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
R47016	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R48002	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R48003	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R48004	ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9K	1	
R48005,06	ERJ3GEYJ563	M.RESISTOR CH 1/16W 56K	2	
R48007	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R48008	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R48009	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R48010	ERJ3RBD183	M.RESISTOR CH 1/16W 18K	1	
R48011	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R48012	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R48013	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R48014	ERJ3GEYJ153	M.RESISTOR CH 1/16W 15K	1	
R48016	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R48017	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R48019	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R48020	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K M.RESISTOR CH 1/16W 27K	1	
R48021	ERJ3GEYJ273 ERJ3GEYJ183	M.RESISTOR CH 1/16W 27K M.RESISTOR CH 1/16W 18K	1	
R48024	ERJ3GEYJ103	M.RESISTOR CH 1/16W 16K	1	
R48025	ERJ3GEY0R00	M.RESISTOR CH 1/16W 10K	1	
R48026	EXB24V473J	COMBI.R-R 47K	1	
R48027	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R60001	EXB24V103J	COMBI.R-R 10K	1	
R60007	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R60008,09	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R60010,11	EXB24V103J	COMBI.R-R 10K	2	
R60012	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R60016,17	EXB24V103J	COMBI.R-R 10K	2	
R60018	EXB24V473J	COMBI.R-R 47K	1	
R60019	ERDS2TJ220	C.RESISTOR 1/4W 22	1	
R60022-24	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	3	
R60025	ERDS2TJ471	C.RESISTOR 1/4W 470	1	
R60029	ERJ3GEYG471	M.RESISTOR CH 1/16W 470	1	
R60030	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R60031	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	1	
R60032	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R60033	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R60034 R60037-40	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100 COMBI.R-R 47K	1	
	EXB24V473J ERJ3GEYJ473		1	
R60042 R60044.45	ERJ3GEY0R00	M.RESISTOR CH 1/16W 47K M.RESISTOR CH 1/16W 0	2	
R60048-50	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	3	
R60051-58	EXB24V473J	COMBI.R-R 47K	8	
R60059-61	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	3	
R61000,01	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	2	
R61002,03	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R61004	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R61005	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R61006	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R61011	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R61012,13	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R61014	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R61015	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R61016	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R61017	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R61018	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R61019-22	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	4	
R61023,24	ERJ3GEYJ562	M.RESISTOR CH 1/16W 5.6K	2	
R61025	ERJ3GEY0R00 ERJ3GEYJ223	M.RESISTOR CH 1/16W 0 M.RESISTOR CH 1/16W 22K	2	
R61026,27 R61028	ERJ3GEYJ223 ERJ6GEYG181	M.RESISTOR CH 1/16W 22R M.RESISTOR CH 1/10W 180	1	
R61028 R61029	ERJ6GEYG181 ERJ6GEYG221	M.RESISTOR CH 1/10W 180 M.RESISTOR CH 1/10W 220	1	
R61030,31	ERJ6GEYG471	M.RESISTOR CH 1/10W 220	2	
R61034	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R61035-38	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	4	
R62000	EXB24V473J	COMBI.R-R 47K	1	
R62001	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	

Pof No	Part No.	Part Nama & Description	Pcs	Remarks
Ref.No. R62002	ERJ3GEYJ223	Part Name & Description M.RESISTOR CH 1/16W 22K	PCS 1	Remarks
R62003	EXB24V473J	COMBI.R-R 47K	1	
R62004,05	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	2	
R62008	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R62017,18	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	2	
R62019	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R62031	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R62033	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R62034	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R62035	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R62037,38	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R62039,40	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	2	
			L	
RY41001,02	VSY2070	RELAY	2	
RY42001,02	VSY2070	RELAY	2	
SW40001	VSS0367-08B	SWITCH	1	
SW40002	VSS0367-06B	SWITCH	1	K0D161A00001
SW41001,02		SWITCH	2	K0D112B00056
SW42001,02	VSS0342	SWITCH	2	K0D112B00056
SW47001	VSS0367-04B	SWITCH	1	
SW61000-02		SWITCH		K0D113A00036
SW61003	VSS0186	SWITCH	1	K0D112A00047
SW61004	EVQQSB04B	SWITCH	1	
SW61005	EVQQS205K	SWITCH	1	
SW61006	VSS0187	SWITCH	1	K0D113A00036
SW61007	VSS0186	SWITCH	1	K0D112A00047
SW61008	EVQQSB04B	SWITCH	1	
SW61009	EVQQS205K	SWITCH	1	
SW61010-12		SWITCH		K0D112A00047
SW61013	VSS0187	SWITCH	1	K0D113A00036
SW61016	EVQQS205K	SWITCH	1	
SW61017,18	VSS0186	SWITCH	2	K0D112A00047
TO:::	=\(\(\tau_0\);	TEOT DON'T	<u> </u>	
TG48001	EYF6CU	TEST POINT	1	
TG62001	EYF6CU	TEST POINT	1	
TP44001,02		TEST POINT	2	
TP46001,02		TEST POINT	2	
TP48001-03		TEST POINT	3	
TP61000-04		TEST POINT	5	
TP62001-07	EYF6CU	TEST POINT	7	
			<u>.</u>	
U62001	CR2032	BATTERY	1	
1/000004	ECD 14000E40	TRIMMER 20P	_	
VC62001	ECRJA020E12	TRIMMER 20P	1	
VP42004	VBV0090	V PECICTOR		D2BC 44 4 0004
VR43001	VRV0080	V.RESISTOR	1	D2BCA14A0001
VR43002 VR43003	EVM7JGA00B14 VRV0080	V.RESISTOR 10K V.RESISTOR	1	D2BCA14A0001
VR43003	EVM7JGA00B14	V.RESISTOR 10K	1	22307117710001
	EVM7JGA00B14 EVM7JGA00B53	V.RESISTOR 10K V.RESISTOR 5K	2	
	EVM7JGA00B33	V.RESISTOR 3K	2	
	EVM7JGA00B24 EVM7JGA00B14	V.RESISTOR 20K	2	
VR48001,02	EVM7JGA00B14 EVM7JGA00B14	V.RESISTOR 10K	1	
VR48001	EVM7JGA00B14 EVM7JGA00B24	V.RESISTOR 10K	1	
V114000Z	L VIVII JUAUUDZ4	TLOIOTON ZUN	-	
X60001	VSX1046	CRYSTAL OSCILLATOR	1	H2C8004A0001
X62001	VSX0602	CRYSTAL OSCILLATOR		H0J327200050
702001	. 5/10002	O. C. OTAL COULLATOR	- -	
		MISCELLANEOUS	-	
			 	
	VGL0915	BACK LIGHT BASE	1	
	VMX1144	LED SPACER	1	
			 	
			 -	
			 	
			 	
			 	
■ E18	VEP80B13B	REAR JACK P.C.BOARD	1	(RTL)
			H	, , , , , , , , , , , , , , , , , , , ,
			 	
J1201,02	VJS3417	CONNECTOR (FEMALE)	2	K1AB103A0007
0 . , 0 2				
P1201	VJP1599T	CONNECTOR (MALE)	1	
			-	
			 	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R1202,03	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R1205	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R1208,09	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R1211	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
■ E19	VEP80B49A	POWER SW P.C.BOARD	1	(RTL)
P9601	V ID2472D002	CONNECTOR (MALE)		K1KA02B00051
	VJP3172D002	CONNECTOR (MALE)		K1KA02B00031
SW9601	VST0076	SWITCH	1	K0E112G00013
■ E20	VEP80B15A	TOGGLE SW P.C.BOARD	1	(RTL)
P9201	VJP1601T	CONNECTOR	1	K1KA08A00120
SW9201	VST0326	SWITCH		K0E112G00009
SW9202-04	VST0327	SWITCH	3	K0E112G00010
		MISCELLANEOUS		
	VMP5579	SW HOLDER ANGLE	1	
	VJF0496	CLAMPER	2	
			-	
■ E21	VEP80B47A	MONITOR SW P.C.BOARD	1	(RTL)
E LZ1	VEI OOD47 A	WONTOK SW F.O.BOARD	+-'	(KTL)
C9101-04	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	4	
D9101	MA142WA	DIODE	1	
D9102-04		DIODE		
	MA8068-MH	DIODE	3	
	MA8068-MH	DIODE	3	
P9101	VJS2848D015	CONNECTOR (FEMALE)	1	K1MN15B00017
P9101 P9102			1	K1MN15B00017 K1KA02B00111
	VJS2848D015	CONNECTOR (FEMALE)	1	
P9102	VJS2848D015 VJP3125B002	CONNECTOR (FEMALE) CONNECTOR (MALE)	1 1	
P9102 Q9101	VJS2848D015 VJP3125B002 XN1213	CONNECTOR (FEMALE) CONNECTOR (MALE) TRANSISTOR-RESISTOR	1 1	
Q9101 Q9102 Q9103	VJS2848D015 VJP3125B002 XN1213 XN4601 2SB1219A-R	CONNECTOR (FEMALE) CONNECTOR (MALE) TRANSISTOR-RESISTOR TRANSISTOR-RESISTOR TRANSISTOR	1 1 1 1 1	
P9102 Q9101 Q9102 Q9103 QR9101,02	VJS2848D015 VJP3125B002 XN1213 XN4601	CONNECTOR (FEMALE) CONNECTOR (MALE) TRANSISTOR-RESISTOR TRANSISTOR-RESISTOR TRANSISTOR TRANSISTOR	1 1 1 1	
Q9101 Q9102 Q9103	VJS2848D015 VJP3125B002 XN1213 XN4601 2SB1219A-R UN5211	CONNECTOR (FEMALE) CONNECTOR (MALE) TRANSISTOR-RESISTOR TRANSISTOR-RESISTOR TRANSISTOR	1 1 1 1 1 1	
P9102 Q9101 Q9102 Q9103 QR9101,02 QR9103 QR9104	VJS2848D015 VJP3125B002 XN1213 XN4601 2SB1219A-R UN5211 UN5111 UN5211	CONNECTOR (FEMALE) CONNECTOR (MALE) TRANSISTOR-RESISTOR TRANSISTOR TRANSISTOR TRANSISTOR-RESISTOR TRANSISTOR-RESISTOR TRANSISTOR-RESISTOR TRANSISTOR-RESISTOR	1 1 1 1 1 1 2 1	
P9102 Q9101 Q9102 Q9103 QR9101,02 QR9103 QR9104 R9101	VJS2848D015 VJP3125B002 XN1213 XN4601 2SB1219A-R UN5211 UN5111 UN5211 ERJ3GEYG102	CONNECTOR (FEMALE) CONNECTOR (MALE) TRANSISTOR-RESISTOR TRANSISTOR-RESISTOR TRANSISTOR-RESISTOR TRANSISTOR-RESISTOR TRANSISTOR-RESISTOR TRANSISTOR-RESISTOR TRANSISTOR-RESISTOR	1 1 1 1 1 1 2 1 1	
P9102 Q9101 Q9102 Q9103 QR9101,02 QR9103 QR9104 R9101 R9102-05	VJS2848D015 VJP3125B002 XN1213 XN4601 2SB1219A-R UN5211 UN5111 UN5211 ERJ3GEYG102 ERJ3GEYJ473	CONNECTOR (FEMALE) CONNECTOR (MALE) TRANSISTOR-RESISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR-RESISTOR TRANSISTOR-RESISTOR TRANSISTOR-RESISTOR TRANSISTOR-RESISTOR TRANSISTOR-RESISTOR TRANSISTOR-RESISTOR M.RESISTOR CH 1/16W 1K M.RESISTOR CH 1/16W 47K	1 1 1 1 1 1 2 1 1 1	
P9102 Q9101 Q9102 Q9103 QR9101,02 QR9103 QR9104 R9101	VJS2848D015 VJP3125B002 XN1213 XN4601 2SB1219A-R UN5211 UN5111 UN5211 ERJ3GEYG102	CONNECTOR (FEMALE) CONNECTOR (MALE) TRANSISTOR-RESISTOR TRANSISTOR-RESISTOR TRANSISTOR-RESISTOR TRANSISTOR-RESISTOR TRANSISTOR-RESISTOR TRANSISTOR-RESISTOR TRANSISTOR-RESISTOR	1 1 1 1 1 1 2 1 1	
P9102 Q9101 Q9102 Q9103 QR9101,02 QR9103 QR9104 R9101 R9101 R9102-05 R9106	VJS2848D015 VJP3125B002 XN1213 XN4601 2SB1219A-R UN5211 UN5211 UN5211 ERJ3GEYG102 ERJ3GEYJ473 ERJ3GEYJ103	CONNECTOR (FEMALE) CONNECTOR (MALE) TRANSISTOR-RESISTOR TRANSISTOR-RESISTOR TRANSISTOR-RESISTOR TRANSISTOR-RESISTOR TRANSISTOR-RESISTOR TRANSISTOR-RESISTOR TRANSISTOR-RESISTOR M.RESISTOR CH 1/16W 1K M.RESISTOR CH 1/16W 47K M.RESISTOR CH 1/16W 10K	11 11 11 11 11 11 11 11 11 11 11 11 11	
P9102 Q9101 Q9102 Q9103 QR9101,02 QR9103 QR9104 R9101 R9101 R9102-05 R9106 R9107	VJS2848D015 VJP3125B002 XN1213 XN4601 2SB1219A-R UN5211 UN5211 UN5211 ERJ3GEYG102 ERJ3GEYJ473 ERJ3GEYJ103 ERJ3GEYJ222	CONNECTOR (FEMALE) CONNECTOR (MALE) TRANSISTOR-RESISTOR TRANSISTOR-RESISTOR TRANSISTOR-RESISTOR TRANSISTOR-RESISTOR TRANSISTOR-RESISTOR TRANSISTOR-RESISTOR TRANSISTOR-RESISTOR M.RESISTOR CH 1/16W 1K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 2.2K	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
P9102 Q9101 Q9102 Q9103 QR9101,02 QR9103 QR9104 R9101 R9102-05 R9106 R9107 R9108,09 R9110	VJS2848D015 VJP3125B002 XN1213 XN4601 2SB1219A-R UN5211 UN5111 UN5211 ERJ3GEYG102 ERJ3GEYJ473 ERJ3GEYJ103 ERJ3GEYJ103 ERJ3GEYJ222 ERJ3GEYJ103 ERJ3GEYJ103	CONNECTOR (FEMALE) CONNECTOR (MALE) TRANSISTOR-RESISTOR TRANSISTOR-RESISTOR TRANSISTOR-RESISTOR TRANSISTOR-RESISTOR TRANSISTOR-RESISTOR M.RESISTOR CH 1/16W 1K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10K	11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
P9102 Q9101 Q9102 Q9103 QR9101,02 QR9103 QR9104 R9101 R9101 R9102-05 R9106 R9107 R9108,09	VJS2848D015 VJP3125B002 XN1213 XN4601 2SB1219A-R UN5211 UN5111 UN5211 ERJ3GEYG102 ERJ3GEYJ473 ERJ3GEYJ103 ERJ3GEYJ103 ERJ3GEYJ222 ERJ3GEYJ103	CONNECTOR (FEMALE) CONNECTOR (MALE) TRANSISTOR-RESISTOR TRANSISTOR-RESISTOR TRANSISTOR-RESISTOR TRANSISTOR-RESISTOR TRANSISTOR-RESISTOR TRANSISTOR-RESISTOR M.RESISTOR CH 1/16W 1K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 2.2K M.RESISTOR CH 1/16W 10K	1 1 1 1 1 1 1 1 1 1 1 1 1 1 2 2 2 2 2 2	
P9102 Q9101 Q9102 Q9103 QR9101,02 QR9103 QR9104 R9101 R9102-05 R9106 R9107 R9108,09 R9110	VJS2848D015 VJP3125B002 XN1213 XN4601 2SB1219A-R UN5211 UN5111 UN5211 ERJ3GEYG102 ERJ3GEYJ473 ERJ3GEYJ103 ERJ3GEYJ103 ERJ3GEYJ222 ERJ3GEYJ103 ERJ3GEYJ103	CONNECTOR (FEMALE) CONNECTOR (MALE) TRANSISTOR-RESISTOR TRANSISTOR-RESISTOR TRANSISTOR-RESISTOR TRANSISTOR-RESISTOR TRANSISTOR-RESISTOR M.RESISTOR CH 1/16W 1K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10K	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
P9102 Q9101 Q9102 Q9103 QR9101,02 QR9103 QR9104 R9101 R9102-05 R9106 R9107 R9108,09 R9110 SW9101	VJS2848D015 VJP3125B002 XN1213 XN4601 2SB1219A-R UN5211 UN5111 UN5211 ERJ3GEYG102 ERJ3GEYJ473 ERJ3GEYJ473 ERJ3GEYJ103 ERJ3GEYJ103 ERJ3GEYJ103 ERJ3GEYOR00 EVQQS205K	CONNECTOR (FEMALE) CONNECTOR (MALE) TRANSISTOR-RESISTOR TRANSISTOR-RESISTOR TRANSISTOR-RESISTOR TRANSISTOR-RESISTOR TRANSISTOR-RESISTOR TRANSISTOR-RESISTOR TRANSISTOR-RESISTOR M.RESISTOR CH 1/16W 1K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 0 SWITCH V.RESISTOR	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	K1KA02B00111
P9102 Q9101 Q9102 Q9103 QR9101,02 QR9103 QR9104 R9101 R9102-05 R9106 R9107 R9108,09 R9110 SW9101	VJS2848D015 VJP3125B002 XN1213 XN4601 2SB1219A-R UN5211 UN5111 UN5211 ERJ3GEYG102 ERJ3GEYJ473 ERJ3GEYJ473 ERJ3GEYJ103 ERJ3GEYJ103 ERJ3GEYJ103 ERJ3GEYOR00 EVQQS205K	CONNECTOR (FEMALE) CONNECTOR (MALE) TRANSISTOR-RESISTOR TRANSISTOR-RESISTOR TRANSISTOR-RESISTOR TRANSISTOR-RESISTOR TRANSISTOR-RESISTOR TRANSISTOR-RESISTOR M.RESISTOR CH 1/16W 1K M.RESISTOR CH 1/16W 47K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10K	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	K1KA02B00111
P9102 Q9101 Q9102 Q9103 QR9101,02 QR9103 QR9104 R9101 R9102-05 R9106 R9107 R9108,09 R9110 SW9101	VJS2848D015 VJP3125B002 XN1213 XN4601 2SB1219A-R UN5211 UN5111 UN5211 ERJ3GEYG102 ERJ3GEYJ473 ERJ3GEYJ473 ERJ3GEYJ103 ERJ3GEYJ103 ERJ3GEYJ103 ERJ3GEYOR00 EVQQS205K	CONNECTOR (FEMALE) CONNECTOR (MALE) TRANSISTOR-RESISTOR TRANSISTOR-RESISTOR TRANSISTOR-RESISTOR TRANSISTOR-RESISTOR TRANSISTOR-RESISTOR TRANSISTOR-RESISTOR TRANSISTOR-RESISTOR M.RESISTOR CH 1/16W 1K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 10K M.RESISTOR CH 1/16W 0 SWITCH V.RESISTOR	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	K1KA02B00111
P9102 Q9101 Q9102 Q9103 QR9101,02 QR9103 QR9104 R9101 R9102-05 R9106 R9107 R9108,09 R9110 SW9101	VJS2848D015 VJP3125B002 XN1213 XN4601 2SB1219A-R UN5211 UN5211 UN5211 ERJ3GEYG102 ERJ3GEYJ473 ERJ3GEYJ473 ERJ3GEYJ473 ERJ3GEYJ103 ERJ3GEYJ222 ERJ3GEYJ003 EVQQS205K VRV0099A	CONNECTOR (FEMALE) CONNECTOR (MALE) TRANSISTOR-RESISTOR TRANSISTOR-RESISTOR TRANSISTOR-RESISTOR TRANSISTOR-RESISTOR TRANSISTOR-RESISTOR TRANSISTOR-RESISTOR TRANSISTOR-RESISTOR M.RESISTOR CH 1/16W 1K M.RESISTOR CH 1/16W 10K M.RESISTOR	111111111111111111111111111111111111111	K1KA02B00111
P9102 Q9101 Q9102 Q9103 QR9101,02 QR9103 QR9104 R9101 R9102-05 R9106 R9107 R9108,09 R9110 SW9101	VJS2848D015 VJP3125B002 XN1213 XN4601 2SB1219A-R UN5211 UN5211 UN5211 ERJ3GEYG102 ERJ3GEYJ473 ERJ3GEYJ473 ERJ3GEYJ473 ERJ3GEYJ103 ERJ3GEYJ222 ERJ3GEYJ003 EVQQS205K VRV0099A	CONNECTOR (FEMALE) CONNECTOR (MALE) TRANSISTOR-RESISTOR TRANSISTOR-RESISTOR TRANSISTOR-RESISTOR TRANSISTOR-RESISTOR TRANSISTOR-RESISTOR TRANSISTOR-RESISTOR TRANSISTOR-RESISTOR M.RESISTOR CH 1/16W 1K M.RESISTOR CH 1/16W 10K M.RESISTOR	111111111111111111111111111111111111111	K1KA02B00111
P9102 Q9101 Q9102 Q9103 QR9101,02 QR9103 QR9104 R9101 R9102-05 R9106 R9107 R9108,09 R9110 SW9101	VJS2848D015 VJP3125B002 XN1213 XN4601 2SB1219A-R UN5211 UN5211 UN5211 ERJ3GEYG102 ERJ3GEYJ473 ERJ3GEYJ473 ERJ3GEYJ473 ERJ3GEYJ103 ERJ3GEYJ222 ERJ3GEYJ003 EVQQS205K VRV0099A	CONNECTOR (FEMALE) CONNECTOR (MALE) TRANSISTOR-RESISTOR TRANSISTOR-RESISTOR TRANSISTOR-RESISTOR TRANSISTOR-RESISTOR TRANSISTOR-RESISTOR TRANSISTOR-RESISTOR TRANSISTOR-RESISTOR M.RESISTOR CH 1/16W 1K M.RESISTOR CH 1/16W 10K M.RESISTOR	111111111111111111111111111111111111111	K1KA02B00111
P9102 Q9101 Q9102 Q9103 QR9101,02 QR9103 QR9104 R9101 R9102-05 R9106 R9107 R9108,09 R9110 SW9101	VJS2848D015 VJP3125B002 XN1213 XN4601 2SB1219A-R UN5211 UN5211 UN5211 ERJ3GEYG102 ERJ3GEYJ473 ERJ3GEYJ473 ERJ3GEYJ473 ERJ3GEYJ103 ERJ3GEYJ222 ERJ3GEYJ003 EVQQS205K VRV0099A	CONNECTOR (FEMALE) CONNECTOR (MALE) TRANSISTOR-RESISTOR TRANSISTOR-RESISTOR TRANSISTOR-RESISTOR TRANSISTOR-RESISTOR TRANSISTOR-RESISTOR TRANSISTOR-RESISTOR TRANSISTOR-RESISTOR M.RESISTOR CH 1/16W 1K M.RESISTOR CH 1/16W 10K M.RESISTOR	111111111111111111111111111111111111111	K1KA02B00111

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
■ E22	VEP80B50A	SYNCHRO SW P.C.BOARD	1	(RTL)
P9401	VJP1596T	CONNECTOR (MALE)	1	
SW9401,02	EVQQSB04B	SWITCH	2	
— F00	VEDOODSAA	HOED OW DO DOADD		(DTI)
■ E23	VEP80B51A	USER SW P.C.BOARD	-1	(RTL)
P9301	VJP1607T	CONNECTOR (MALE)	1	
	E1100000010			
SW9301,02	EVQQSB04B	SWITCH	2	
■ E24	VEP80B53A	MENU SW P.C.BOARD	1	(RTL)
E24	VEL OUDSSA	IVILIAU GVV F.O.DUARU	<u> </u>	(IXI E)
P9501	VJP1607T	CONNECTOR (MALE)	1	
CWOFOA	EVOCEDAD.	CMITCH		
SW9501	EVQQSB04B	SWITCH	1	
■ E25	VEP20799A	CCD SENSOR P.C.BOARD	1	(RTL)
■ L23	VLI 20133A	COD SENSON F.O.BOAND		(KTL)
C101,02		C.CAPACITOR CH 25V 0.1U	2	
C103	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C104 C105,06	ECHU1C473JB ECUX1E104ZFV	P.CAPACITOR 16V 0.047U C.CAPACITOR CH 25V 0.1U	2	
C107	EEAFC0J121	E.CAPACITOR 6.3V 120U	1	
C108	VCEA0JSS221	E.CAPACITOR 6.3V 220U	1	
C109-11	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C112,13	ECST1CY685Z ECUX1H391JCV	T.CAPACITOR CH 16V 6.8U C.CAPACITOR CH 50V 390P	1	
C115,16	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C117,18	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	2	
C119	ECUX1H102JCV	C.CAPACITOR CH 50V 1000P	1	
C120 C121	ECUX1E104ZFV EEUFC1E470	C.CAPACITOR CH 25V 0.1U E.CAPACITOR 25V 47U	1	
C121-26		C.CAPACITOR CH 25V 0.1U	5	
C127	ECHU1C473JB	P.CAPACITOR 16V 0.047U	1	
C130		E.CAPACITOR 10V 4.7U		F2D1A4R70002
C201,02 C203	ECUX1E104ZFV ECST1CY685Z	C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 16V 6.8U	1	
C204	ECHU1C473JB	P.CAPACITOR CH 16V 6.80	1	
C205,06		C.CAPACITOR CH 25V 0.1U	2	
C207	EEAFC0J121	E.CAPACITOR 6.3V 120U	1	
C208	VCEA0JSS221 ECUX1E104ZFV	E.CAPACITOR 6.3V 220U	1	
C209-11 C212,13	ECUX1E104ZFV ECST1CY685Z	C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 16V 6.8U	2	
C214		C.CAPACITOR CH 50V 390P	1	
C215,16		C.CAPACITOR CH 25V 0.1U	2	
C217,18	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	2	
C219 C220		C.CAPACITOR CH 50V 1000P C.CAPACITOR CH 25V 0.1U	1	
C220	EEUFC1E470	E.CAPACITOR CH 25V 0.10	1	
C222-26	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	5	
C227	ECHU1C473JB	P.CAPACITOR 16V 0.047U	1	
C230		E.CAPACITOR 10V 4.7U		F2D1A4R70002
C301,02 C303	ECUX1E104ZFV ECST1CY685Z	C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 16V 6.8U	1	
C304	ECHU1C473JB	P.CAPACITOR 16V 0.047U	1	
C305,06	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	

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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C307	EEAFC0J121	E.CAPACITOR 6.3V 120U	1	
C308	VCEA0JSS221	E.CAPACITOR 6.3V 220U	1	
C309-11	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C312,13	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	2	
C314	ECUX1H391JCV	C.CAPACITOR CH 50V 390P	1	
C315,16	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C317,18	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	2	
C319	ECUX1H102JCV	C.CAPACITOR CH 50V 1000P	1	
C320	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C321	EEUFC1E470	E.CAPACITOR 25V 47U	1	
C322-26	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	5	
C327	ECHU1C473JB	P.CAPACITOR 16V 0.047U	1	
C328	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C329	ECUX1E105KBM	C.CAPACITOR CH 25V 1U	1	
C330	VCEA1ASC4R7M	E.CAPACITOR 10V 4.7U	1	F2D1A4R70002
D101-04	MA142K	DIODE	4	
D201-04	MA142K		4	
		DIODE		
D301-04	MA142K	DIODE	4	
IC102	TC7SZ08F	IC	1	
IC103,04	TC7SZ00F	IC	2	
			+	
IC105	TC7SZ08F	IC	1	
IC202	TC7SZ08F	IC	1	
IC203,04	TC7SZ00F	IC	2	
IC205	TC7SZ08F	IC	1	
IC302			 	
	TC7SZ08F	IC	1	
IC303,04	TC7SZ00F	IC	2	
IC305	TC7SZ08F	IC	1	
L102	VLQ0924J10N	COIL 1UH	1	
L103	VLQ0924J33N	COIL 33UH	1	
L202	VLQ0924J10N	COIL 1UH	1	
L203	VLQ0924J33N	COIL 33UH	1	
L302	VLQ0924J10N	COIL 1UH	1	
L303	VLQ0924J33N	COIL 33UH	1	
L303	VLQ09243331N	330H		
P1	VJS3806C050	CONNECTOR (FEMALE)	1	
P2	VJS2907D006	CONNECTOR (FEMALE)	1	
0404	2002250 D	TRANSISTOR		
Q101	2SC3356-B		1	
Q102,03	2SA1978-B	TRANSISTOR	2	
Q104	2SC3356-B	TRANSISTOR	1	
Q105,06	2SA1978-B	TRANSISTOR	2	
Q107	2SC4176	TRANSISTOR	1	B1ABDB000014
		TRANSISTOR	 	57755555557
Q201	2SC3356-B		1	
Q202,03	2SA1978-B	TRANSISTOR	2	
Q204	2SC3356-B	TRANSISTOR	1	
Q205,06	2SA1978-B	TRANSISTOR	2	
Q207	2SC4176	TRANSISTOR	1	B1ABDB000014
			1	
Q301	2SC3356-B	TRANSISTOR	<u></u>	
Q302,03	2SA1978-B	TRANSISTOR	2	
Q304	2SC3356-B	TRANSISTOR	1	
Q305,06	2SA1978-B	TRANSISTOR	2	
Q307	2SC4176	TRANSISTOR	1	B1ABDB000014
			-	
<u> </u>	<u> </u>		↓	
R2	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	
R102	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	1	
R104	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	1	
R105	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	
R106	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	1	
R108	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	1	
R109	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R110	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R111	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	
R112	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R113	ERJ3RED510	M.RESISTOR CH 1/16W 51	1	
R114	ERJ3RBD392	M.RESISTOR CH 1/16W 3.9K	1	
R118	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R125,26	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
			+	
R127,28	ERJ3GEYJ4R7	M.RESISTOR CH 1/16W 4.7	2	
R202	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	1	
R204	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	1	
R205	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	
			1	
R206	ER 13GEV 1105	M RESISTOR CH 1/16W/ 1M	4	
R206	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	1	
R206	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R208	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	1	rtomanto
R209	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R210	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R211	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	
R212	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R213	ERJ3RED510	M.RESISTOR CH 1/16W 51	1	
R214	ERJ3RBD392	M.RESISTOR CH 1/16W 3.9K	1	
R218	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R225,26	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R227,28	ERJ3GEYJ4R7	M.RESISTOR CH 1/16W 4.7	2	
R302	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	1	
R304	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	1	
R305	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	
R306	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	1	
R308	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	1	
R309	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R310	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R311	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	
R312	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R313	ERJ3RED510	M.RESISTOR CH 1/16W 51	1	
R314	ERJ3RBD392	M.RESISTOR CH 1/16W 3.9K	1	
R318	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R325-27	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	3	
R329,30	ERJ3GEYJ4R7	M.RESISTOR CH 1/16W 4.7	2	
			<u> </u>	
		MISCELLANEOUS	-	
	VMS6135	P.C.B. POST (26SP-6)	2	
		SCREW	2	
	XSB26+3 VEE0J47	P.C.B. INT CABLE	3	
	VEE0347	F.C.B. INT CABLE		
			-	
			-	
			-	
			+	
■ E26	VEP00W08B	HEAD PHONE P.C.BOARD	1	(RTL)
	VETOUVVOOD	TIEND THORE T.O.DOVIND	<u>+-</u> :	(1112)
			-	
C9201,02	ECKF1H102ZF	C.CAPACITOR 50V 1000P	2	
00201,02	LOKI IIII022I		+-	
				K2HC103B0082
J9201	VJJ0522	JACK		K2HC103B0082
				K2HC103B0082
J9201	VJJ0522	JACK	1	K2HC103B0082
J9201	VJJ0522	JACK	1	K2HC103B0082
J9201 L1,L2	VJJ0522 VLP0147	JACK COIL	1 2	K2HC103B0082
J9201 L1,L2	VJJ0522 VLP0147	JACK COIL	1 2	K2HC103B0082
J9201 L1,L2	VJJ0522 VLP0147	JACK COIL	1 2	K2HC103B0082
J9201 L1,L2	VJJ0522 VLP0147	JACK COIL	1 2	K2HC103B0082
J9201 L1,L2	VJJ0522 VLP0147	JACK COIL	1 2	K2HC103B0082
J9201 L1,L2	VJJ0522 VLP0147	JACK COIL	1 1	K2HC103B0082
J9201 L1,L2 P9201	VJJ0522 VLP0147 VJP1608T	JACK COIL CONNECTOR (MALE)	1 1	
J9201 L1,L2 P9201	VJJ0522 VLP0147 VJP1608T	JACK COIL CONNECTOR (MALE)	1 1	
J9201 L1,L2 P9201	VJJ0522 VLP0147 VJP1608T	JACK COIL CONNECTOR (MALE)	1 1 1	
J9201 L1,L2 P9201 ■ E27 D101	VJJ0522 VLP0147 VJP1608T VEP80B75A S3V60	JACK COIL CONNECTOR (MALE) EXT DC P.C.BOARD DIODE	1 1 1 1	(RTL) B0EAKR000020
J9201 L1,L2 P9201	VJJ0522 VLP0147 VJP1608T VEP80B75A	JACK COIL CONNECTOR (MALE) EXT DC P.C.BOARD	1 1 1 1	(RTL)
J9201 L1,L2 P9201 ■ E27 D101	VJJ0522 VLP0147 VJP1608T VEP80B75A S3V60	JACK COIL CONNECTOR (MALE) EXT DC P.C.BOARD DIODE CONNECTOR (MALE)	1 1 1 1	(RTL) B0EAKR000020
J9201 L1,L2 P9201 ■ E27 D101	VJJ0522 VLP0147 VJP1608T VEP80B75A S3V60	JACK COIL CONNECTOR (MALE) EXT DC P.C.BOARD DIODE	1 1 1 1	(RTL) B0EAKR000020
J9201 L1,L2 P9201 ■ E27 D101	VJJ0522 VLP0147 VJP1608T VEP80B75A S3V60 VJP3429	JACK COIL CONNECTOR (MALE) EXT DC P.C.BOARD DIODE CONNECTOR (MALE) MISCELLANEOUS	1 1 1 1 1	(RTL) B0EAKR000020
J9201 L1,L2 P9201 ■ E27 D101	VJJ0522 VLP0147 VJP1608T VEP80B75A S3V60 VJP3429 VEE0K14	JACK COIL CONNECTOR (MALE) EXT DC P.C.BOARD DIODE CONNECTOR (MALE) MISCELLANEOUS EXT DC INF CABLE	1 1 1 1 1 1	(RTL) B0EAKR000020
J9201 L1,L2 P9201 ■ E27 D101	VJJ0522 VLP0147 VJP1608T VEP80B75A S3V60 VJP3429	JACK COIL CONNECTOR (MALE) EXT DC P.C.BOARD DIODE CONNECTOR (MALE) MISCELLANEOUS	1 1 1 1 1	(RTL) B0EAKR000020
J9201 L1,L2 P9201 ■ E27 D101	VJJ0522 VLP0147 VJP1608T VEP80B75A S3V60 VJP3429 VEE0K14	JACK COIL CONNECTOR (MALE) EXT DC P.C.BOARD DIODE CONNECTOR (MALE) MISCELLANEOUS EXT DC INF CABLE	1 1 1 1 1 1	(RTL) B0EAKR000020
J9201 L1,L2 P9201 ■ E27 D101	VJJ0522 VLP0147 VJP1608T VEP80B75A S3V60 VJP3429 VEE0K14	JACK COIL CONNECTOR (MALE) EXT DC P.C.BOARD DIODE CONNECTOR (MALE) MISCELLANEOUS EXT DC INF CABLE	1 1 1 1 1 1	(RTL) B0EAKR000020
J9201 L1,L2 P9201 ■ E27 D101	VJJ0522 VLP0147 VJP1608T VEP80B75A S3V60 VJP3429 VEE0K14	JACK COIL CONNECTOR (MALE) EXT DC P.C.BOARD DIODE CONNECTOR (MALE) MISCELLANEOUS EXT DC INF CABLE	1 1 1 1 1 1	(RTL) B0EAKR000020
J9201 L1,L2 P9201 ■ E27 D101	VJJ0522 VLP0147 VJP1608T VEP80B75A S3V60 VJP3429 VEE0K14	JACK COIL CONNECTOR (MALE) EXT DC P.C.BOARD DIODE CONNECTOR (MALE) MISCELLANEOUS EXT DC INF CABLE	1 1 1 1 1 1	(RTL) B0EAKR000020
J9201 L1,L2 P9201 ■ E27 D101 P101	VJJ0522 VLP0147 VJP1608T VEP80B75A S3V60 VJP3429 VEE0K14 VEE0L74	JACK COIL CONNECTOR (MALE) EXT DC P.C.BOARD DIODE CONNECTOR (MALE) MISCELLANEOUS EXT DC INF CABLE EXT DC CABLE	1 1 1 1 1 1 1	(RTL) B0EAKR000020 K1AA104H0024
J9201 L1,L2 P9201 ■ E27 D101	VJJ0522 VLP0147 VJP1608T VEP80B75A S3V60 VJP3429 VEE0K14	JACK COIL CONNECTOR (MALE) EXT DC P.C.BOARD DIODE CONNECTOR (MALE) MISCELLANEOUS EXT DC INF CABLE	1 1 1 1 1 1 1	(RTL) B0EAKR000020
J9201 L1,L2 P9201 ■ E27 D101 P101	VJJ0522 VLP0147 VJP1608T VEP80B75A S3V60 VJP3429 VEE0K14 VEE0L74	JACK COIL CONNECTOR (MALE) EXT DC P.C.BOARD DIODE CONNECTOR (MALE) MISCELLANEOUS EXT DC INF CABLE EXT DC CABLE	1 1 1 1 1 1 1	(RTL) B0EAKR000020 K1AA104H0024
J9201 L1,L2 P9201 ■ E27 D101 P101	VJJ0522 VLP0147 VJP1608T VEP80B75A S3V60 VJP3429 VEE0K14 VEE0L74 VEP80B16B	JACK COIL CONNECTOR (MALE) EXT DC P.C.BOARD DIODE CONNECTOR (MALE) MISCELLANEOUS EXT DC INF CABLE EXT DC CABLE FRONT TOGGLE P.C.BOARD	1 1 1 1 1 1 1 1 1 1	(RTL) B0EAKR000020 K1AA104H0024 (RTL)
J9201 L1,L2 P9201 ■ E27 D101 P101	VJJ0522 VLP0147 VJP1608T VEP80B75A S3V60 VJP3429 VEE0K14 VEE0L74 VEP80B16B VJS2949B015	JACK COIL CONNECTOR (MALE) EXT DC P.C.BOARD DIODE CONNECTOR (MALE) MISCELLANEOUS EXT DC INF CABLE EXT DC CABLE FRONT TOGGLE P.C.BOARD	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	(RTL) B0EAKR000020 K1AA104H0024
J9201 L1,L2 P9201 ■ E27 D101 P101 P101 P101	VJJ0522 VLP0147 VJP1608T VEP80B75A S3V60 VJP3429 VEE0K14 VEE0L74 VEP80B16B VJS2949B015 VJP4395C005	JACK COIL CONNECTOR (MALE) EXT DC P.C.BOARD DIODE CONNECTOR (MALE) MISCELLANEOUS EXT DC INF CABLE EXT DC CABLE FRONT TOGGLE P.C.BOARD CONNECTOR (FEMALE) CONNECTOR (MALE)	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	(RTL) B0EAKR000020 K1AA104H0024 (RTL)
J9201 L1,L2 P9201 ■ E27 D101 P101	VJJ0522 VLP0147 VJP1608T VEP80B75A S3V60 VJP3429 VEE0K14 VEE0L74 VEP80B16B VJS2949B015	JACK COIL CONNECTOR (MALE) EXT DC P.C.BOARD DIODE CONNECTOR (MALE) MISCELLANEOUS EXT DC INF CABLE EXT DC CABLE FRONT TOGGLE P.C.BOARD	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	(RTL) B0EAKR000020 K1AA104H0024 (RTL)
J9201 L1,L2 P9201 ■ E27 D101 P101 P101 P101	VJJ0522 VLP0147 VJP1608T VEP80B75A S3V60 VJP3429 VEE0K14 VEE0L74 VEP80B16B VJS2949B015 VJP4395C005	JACK COIL CONNECTOR (MALE) EXT DC P.C.BOARD DIODE CONNECTOR (MALE) MISCELLANEOUS EXT DC INF CABLE EXT DC CABLE FRONT TOGGLE P.C.BOARD CONNECTOR (FEMALE) CONNECTOR (MALE)	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	(RTL) B0EAKR000020 K1AA104H0024 (RTL)
J9201 L1,L2 P9201 ■ E27 D101 P101 P101 ■ E28 P1 P2 P3	VJJ0522 VLP0147 VJP1608T VEP80B75A S3V60 VJP3429 VEE0K14 VEE0L74 VEP80B16B VJS2949B015 VJP4395C005 VJP4395D007	JACK COIL CONNECTOR (MALE) EXT DC P.C.BOARD DIODE CONNECTOR (MALE) MISCELLANEOUS EXT DC INF CABLE EXT DC CABLE FRONT TOGGLE P.C.BOARD CONNECTOR (FEMALE) CONNECTOR (FEMALE) CONNECTOR (MALE)	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	(RTL) B0EAKR000020 K1AA104H0024 (RTL)
J9201 L1,L2 P9201 ■ E27 D101 P101 P101 ■ E28 P1 P2 P3	VJJ0522 VLP0147 VJP1608T VEP80B75A S3V60 VJP3429 VEE0K14 VEE0L74 VEP80B16B VJS2949B015 VJP4395C005 VJP4395D007	JACK COIL CONNECTOR (MALE) EXT DC P.C.BOARD DIODE CONNECTOR (MALE) MISCELLANEOUS EXT DC INF CABLE EXT DC CABLE FRONT TOGGLE P.C.BOARD CONNECTOR (FEMALE) CONNECTOR (FEMALE) CONNECTOR (MALE)	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	(RTL) B0EAKR000020 K1AA104H0024 (RTL)
J9201 L1,L2 P9201 ■ E27 D101 P101 P101 ■ E28 P1 P2 P3	VJJ0522 VLP0147 VJP1608T VEP80B75A S3V60 VJP3429 VEE0K14 VEE0L74 VEP80B16B VJS2949B015 VJP4395C005 VJP4395D007	JACK COIL CONNECTOR (MALE) EXT DC P.C.BOARD DIODE CONNECTOR (MALE) MISCELLANEOUS EXT DC INF CABLE EXT DC CABLE FRONT TOGGLE P.C.BOARD CONNECTOR (FEMALE) CONNECTOR (FEMALE) CONNECTOR (MALE)	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	(RTL) B0EAKR000020 K1AA104H0024 (RTL)

	I	ig any or these components, use	1	
Ref.No.	Part No. VST0194	Part Name & Description SWITCH	Pcs	Remarks K0E132A00002
SW2	VST0194 VST0195	SWITCH		K0E132A00002
3002	V310193	SWITCH	'	KUE 132AUUUU3
		MISCELLANEOUS		
	VMP4839	SW HOLDER ANGLE	1	
■ E29	VEP80B52A	JOG MENU P.C.BOARD	1	(RTL)
			<u> </u>	
			L.,	
C1	ECST1CY225Z	T.CAPACITOR CH 16V 2.2U	1	
C2	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C3,C4 C5	ECUX1H103KBV ECUX1E104ZFV	C.CAPACITOR CH 50V 0.01U C.CAPACITOR CH 25V 0.1U	1	
	LCOXILIO4ZI V	C.CAF ACITOR CIT23V 0.10	<u></u>	
D1-D3	MA147	DIODE	3	
P1	VJP4395D007	CONNECTOR (MALE)	1	
R1	ERJ3RBD272	M.RESISTOR CH 1/16W 2.7K	1	
R2	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R3	ERJ3RBD272	M.RESISTOR CH 1/16W 2.7K	1	
R4	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R5	ERJ3RBD151	M.RESISTOR CH 1/16W 150	1	
SW1	EVQB1D10809B	SWITCH	1	
SW2	VST0335	SWITCH	1	
■ E30	VEP80B45A	REAR SW P.C.BOARD	1	(RTL)
			<u> </u>	
SW1101,02	VSS0380	SWITCH	2	K0D123B00024
■ E31	VEP84353A	CUE P.C.BOARD	1	(RTL)
C1001	EEVHB1C470	E.CAPACITOR 16V 47U	1	
C1001	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C1002,03	ECST1CX106Z	T.CAPACITOR CH 16V 10U	1	
C1005		C.CAPACITOR CH 16V 1U	1	
C1006		C.CAPACITOR CH 50V 0.22U	1	
C1007	ECHS1H102JZ	P.CAPACITOR 50V 1000P	1	
C1008	EEVHB1C470	E.CAPACITOR 16V 47U	1	
C1009	VCF2JAB332J	P.CAPACITOR 630V 3300P	1	
C1010	ECUX1H221JCV	C.CAPACITOR CH 50V 220P	1	
C1011		C.CAPACITOR CH 50V 0.027U	1	
C1012	ECUX1H822KBV	C.CAPACITOR CH 50V 8200P	1	
C1013,14		C.CAPACITOR CH 25V 0.1U	2	
C1015	EEVHP0J100	E.CAPACITOR 6.3V 10U	1	
C1016 C1017	VCC0030	C.CAPACITOR CH 50V 2200P C.CAPACITOR	1	
C1017 C1018		C.CAPACITOR C.CAPACITOR CH 25V 0.047U	1	
C1019		C.CAPACITOR CH 25V 0.0470	1	
C1020	EEVHP0J100	E.CAPACITOR 6.3V 10U	1	
C1021	ECUX1H151JCV	C.CAPACITOR CH 50V 150P	1	
C1022	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C1023	ECUM1C105KBM	C.CAPACITOR CH 16V 1U	1	
C1024	ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	1	
⚠ CP1001	VSQ0563	CIRCUIT BREAKER	1	K5JDJB000012
D1001	MA142K	DIODE	1	
D1002	RK34	DIODE	1	B0JANE000005
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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
FL1002	EIR7QF012B	TRANSFORMER	1	
IC1001	NJM4558M-D	IC	1	
L1001	VLQ0423J472	COIL 4700UH	1	
L1002	VLP0320	COIL	1	
L1003,04	VLF1151A132	COIL	2	
L1005	VLQ0319K100 VLP0320	COIL 10UH	1	G1C100K00023
L1006	VLP0320	COIL		
P1001	VJS2907B008	CONNECTOR (FEMALE)	1	
P1002	VJP4395D002	CONNECTOR (MALE)	1	
P1003 P1004	VJS2907D012 VJP4395D005	CONNECTOR (FEMALE) CONNECTOR (MALE)	1	
P1004	VJP2824B002	CONNECTOR (MALE)		K1KA02B00007
P1006	VJP2824A003	CONNECTOR (MALE) 3P	1	K1KA03A00008
P1007	VJP3172D002	CONNECTOR (MALE)		K1KA02B00051
P1008 P1009	VJP3518D006 VJP3125B009	CONNECTOR (MALE)	1	K1KA09B00055
F1009	VJF3125B009	CONNECTOR (MALE)	<u>'</u>	K1KA09B00005
Q1001	2SB779-R	TRANSISTOR	1	
Q1002	2SD1819A-R	TRANSISTOR	1	
Q1003	2SD874-R	TRANSISTOR	1	
Q1004 Q1005	2SD1979 2SB1220-R	TRANSISTOR TRANSISTOR	1	
Q1005 Q1006,07	2SD1220-R 2SD1821-R	TRANSISTOR	2	
Q1008,09	2SD1979	TRANSISTOR	2	
Q1010-12	2SJ280L	TRANSISTOR	3	B1DGJG000002
QR1001-06	UN5113	TRANSISTOR-RESISTOR	6	
			T.	
R1001	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	
R1002	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R1003 R1004	ERJ3GEYG102 ERJ3GEYJ392	M.RESISTOR CH 1/16W 1K M.RESISTOR CH 1/16W 3.9K	1	
R1005	ERJ8GEYJ1R0	M.RESISTOR CH 1/8W 1	1	
R1006	ERJ3GEYJ183	M.RESISTOR CH 1/16W 18K	1	
R1007	ERJ3GEYJ390	M.RESISTOR CH 1/16W 39	1	
R1008	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R1010 R1011	ERJ3GEYJ223 ERJ3GEYJ103	M.RESISTOR CH 1/16W 22K M.RESISTOR CH 1/16W 10K	1	
R1012	ERJ3GEYJ821	M.RESISTOR CH 1/16W 820	1	
R1014	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R1015	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	•
R1016 R1017	ERJ3GEYJ221 ERJ3GEYG472	M.RESISTOR CH 1/16W 220 M.RESISTOR CH 1/16W 4.7K	1	
R1018	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R1019	ERJ3GEYG822	M.RESISTOR CH 1/16W 8.2K	1	
R1020	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
R1021,22 R1023	ERJ3GEYG472 ERJ3GEYJ681	M.RESISTOR CH 1/16W 4.7K M.RESISTOR CH 1/16W 680	1	
R1023	ERJ3GEYJ681 ERJ3GEYJ100	M.RESISTOR CH 1/16W 680 M.RESISTOR CH 1/16W 10	1	
R1025	ERJ8GEYJ1R0	M.RESISTOR CH 1/8W 1	1	
R1026	ERJ3GEYJ124	M.RESISTOR CH 1/16W 120K	1	
R1027	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R1028 R1029	ERJ3GEYJ470 ERJ3GEYJ473	M.RESISTOR CH 1/16W 47 M.RESISTOR CH 1/16W 47K	1	
R1030,31	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	2	
<u></u>	VRT01512R2	THERMISTOR	1	D4DA92R20001
R1034	ERJ6GEYJ1R0	M.RESISTOR CH 1/10W 1	1	
R1035	ERJ6GEYG104	M.RESISTOR CH 1/10W 100K	1	
R1036 R1037,38	ERJ6GEYG151 ERJ3GEYJ101	M.RESISTOR CH 1/10W 150 M.RESISTOR CH 1/16W 100	2	
T1001	VLT0729	TRANSFORMER	1	
TG1001	EYF6CU	TEST POINT	1	
		-	Ť	
TP1001-04	EYF6CU	TEST POINT	4	
\/D(22)	VDV046:5555	V DEGICTOR		
VR1001 VR1002	VRV0161B503 VRV0161B103	V.RESISTOR 50K V.RESISTOR 10K	1	
			t i	
			<u> </u>	

	Vinen replacin	g any of these components, use	Offilis	the same type.
Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
			-	
■ E32	VEP86149A	OPERATE P.C.BOARD	1	(RTL)
D6001-03	BR1102W-1	DIODE	3	
P501	VJP3125B010	CONNECTOR (MALE)	1	K1KA10B00136
1 301	V3F 3123B010	CONNECTOR (MALL)	<u>'</u>	K11K10D00130
SW6001-05	EVQPHL03T	SWITCH	5	
		MISCELLANEOUS		
	VEE0417	D.C.D. INT.CADI.E	1	
	VEE9417	P.C.B. INT CABLE		
= 500	VED00D474	EDON'T MIO D O DOADD		(DTL)
■ E33	VEP80B17A	FRONT MIC P.C.BOARD	1	(RTL)
			-	
C9701-03	ECUX1H470JCV	C.CAPACITOR CH 50V 47P	3	
J9701	VJS3417	CONNECTOR (FEMALE)	1	K1AB103A0007
D0704	V ID1610T	CONNECTOR (MALE)		
P9701	VJP1610T	CONNECTOR (MALE)	1	
R9702-04	VLF1315A102	FILTER	3	J0JHC0000015
■ E34	VEP20805A	MMC CARD P.C.BOARD	1	(RTL)
	VET 20000/1	NINIO OTRE I TOLDOTRE		(((()))
C1	ECUM1C104KBN	C.CAPACITOR CH 16V 0.1U	. 1	
C2,C3		C.CAPACITOR CH 16V 1U	2	
C4-C6	ECUM1C104KBN	C.CAPACITOR CH 16V 0.1U	3	
D1-10	MA8056-MH	DIODE	10	
D11	LNJ310M6URA	DIODE	1	
IC1	TLCX257FT	IC	1	
IC2	TC7S04FU	IC	. 1	
IC3,C4	C0JBAA000099	IC	2	
L1	VLP0353	COIL	1	
P1	VJP4064P020	CONNECTOR (MALE)	1	
P2	VEK8766	MMC HOLDER	1	
	i			
Q3		TD 11/0/07/07		
	2SA1128	TRANSISTOR	1	
R4 R6	2SA1128 ERJ3GEYJ153 ERJ3GEYJ562	TRANSISTOR M.RESISTOR CH 1/16W 15K M.RESISTOR CH 1/16W 5.6K	1 1	
R4	ERJ3GEYJ153	M.RESISTOR CH 1/16W 15K	1	
R4 R6 R7 R8	ERJ3GEYJ153 ERJ3GEYJ562 ERJ3GEYJ563 ERJ3GEYG471	M.RESISTOR CH 1/16W 15K M.RESISTOR CH 1/16W 5.6K M.RESISTOR CH 1/16W 56K M.RESISTOR CH 1/16W 470	1 1 1	
R4 R6 R7 R8 R9,10	ERJ3GEYJ153 ERJ3GEYJ562 ERJ3GEYJ563 ERJ3GEYG471 ERJ3GEYJ104	M.RESISTOR CH 1/16W 15K M.RESISTOR CH 1/16W 5.6K M.RESISTOR CH 1/16W 56K M.RESISTOR CH 1/16W 470 M.RESISTOR CH 1/16W 100K	1 1 1 1 2	
R4 R6 R7 R8	ERJ3GEYJ153 ERJ3GEYJ562 ERJ3GEYJ563 ERJ3GEYG471	M.RESISTOR CH 1/16W 15K M.RESISTOR CH 1/16W 5.6K M.RESISTOR CH 1/16W 56K M.RESISTOR CH 1/16W 470	1 1 1	
R4 R6 R7 R8 R9,10	ERJ3GEYJ153 ERJ3GEYJ562 ERJ3GEYJ563 ERJ3GEYG471 ERJ3GEYJ104	M.RESISTOR CH 1/16W 15K M.RESISTOR CH 1/16W 5.6K M.RESISTOR CH 1/16W 56K M.RESISTOR CH 1/16W 470 M.RESISTOR CH 1/16W 100K	1 1 1 1 2	
R4 R6 R7 R8 R9,10	ERJ3GEYJ153 ERJ3GEYJ562 ERJ3GEYJ563 ERJ3GEYG471 ERJ3GEYJ104	M.RESISTOR CH 1/16W 15K M.RESISTOR CH 1/16W 5.6K M.RESISTOR CH 1/16W 56K M.RESISTOR CH 1/16W 470 M.RESISTOR CH 1/16W 100K	1 1 1 1 2	
R4 R6 R7 R8 R9,10	ERJ3GEYJ153 ERJ3GEYJ562 ERJ3GEYJ563 ERJ3GEYG471 ERJ3GEYJ104	M.RESISTOR CH 1/16W 15K M.RESISTOR CH 1/16W 5.6K M.RESISTOR CH 1/16W 56K M.RESISTOR CH 1/16W 470 M.RESISTOR CH 1/16W 100K	1 1 1 1 2	
R4 R6 R7 R8 R9,10	ERJ3GEYJ153 ERJ3GEYJ562 ERJ3GEYJ563 ERJ3GEYG471 ERJ3GEYJ104	M.RESISTOR CH 1/16W 15K M.RESISTOR CH 1/16W 5.6K M.RESISTOR CH 1/16W 56K M.RESISTOR CH 1/16W 470 M.RESISTOR CH 1/16W 100K	1 1 1 1 2 1 1	
R4 R6 R7 R8 R9,10	ERJ3GEYJ153 ERJ3GEYJ562 ERJ3GEYJ563 ERJ3GEYG471 ERJ3GEYJ104	M.RESISTOR CH 1/16W 15K M.RESISTOR CH 1/16W 5.6K M.RESISTOR CH 1/16W 56K M.RESISTOR CH 1/16W 470 M.RESISTOR CH 1/16W 100K	1 1 1 1 2 1 1	(RTL)
R4 R6 R7 R8 R9,10 R11	ERJ3GEYJ153 ERJ3GEYJ562 ERJ3GEYJ563 ERJ3GEYG471 ERJ3GEYJ104 ERDS2TJ332	M.RESISTOR CH 1/16W 15K M.RESISTOR CH 1/16W 5.6K M.RESISTOR CH 1/16W 66K M.RESISTOR CH 1/16W 470 M.RESISTOR CH 1/16W 100K C.RESISTOR 1/4W 3.3K	1 1 1 1 2 1 1	(RTL)
R4 R6 R7 R8 R9,10 R11	ERJ3GEYJ153 ERJ3GEYJ562 ERJ3GEYJ563 ERJ3GEYG471 ERJ3GEYJ104 ERDS2TJ332	M.RESISTOR CH 1/16W 15K M.RESISTOR CH 1/16W 5.6K M.RESISTOR CH 1/16W 56K M.RESISTOR CH 1/16W 470 M.RESISTOR CH 1/16W 100K C.RESISTOR 1/4W 3.3K	1 1 1 2 1 1	(RTL)
R4 R6 R7 R8 R9,10 R11	ERJ3GEYJ153 ERJ3GEYJ562 ERJ3GEYJ563 ERJ3GEYG471 ERJ3GEYJ104 ERDS2TJ332	M.RESISTOR CH 1/16W 15K M.RESISTOR CH 1/16W 5.6K M.RESISTOR CH 1/16W 66K M.RESISTOR CH 1/16W 470 M.RESISTOR CH 1/16W 100K C.RESISTOR 1/4W 3.3K	1 1 1 1 2 1 1	(RTL)
R4 R6 R7 R8 R9,10 R11	ERJ3GEYJ153 ERJ3GEYJ562 ERJ3GEYJ563 ERJ3GEYG471 ERJ3GEYJ104 ERDS2TJ332	M.RESISTOR CH 1/16W 15K M.RESISTOR CH 1/16W 5.6K M.RESISTOR CH 1/16W 56K M.RESISTOR CH 1/16W 470 M.RESISTOR CH 1/16W 100K C.RESISTOR 1/4W 3.3K	1 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	(RTL) K1KBG0B00002
R4 R6 R7 R8 R9,10 R11	ERJ3GEYJ153 ERJ3GEYJ562 ERJ3GEYJ563 ERJ3GEYG471 ERJ3GEYJ104 ERDS2TJ332 VEP20804A	M.RESISTOR CH 1/16W 15K M.RESISTOR CH 1/16W 5.6K M.RESISTOR CH 1/16W 56K M.RESISTOR CH 1/16W 470 M.RESISTOR CH 1/16W 100K C.RESISTOR T 1/16W 3.3K INT CONNECT P.C.BOARD E.CAPACITOR 10V 1500P CONNECTOR (MALE)	1 1 1 1 1 1 2 2 1 1	
R4 R6 R7 R8 R9,10 R11	ERJ3GEYJ153 ERJ3GEYJ562 ERJ3GEYJ563 ERJ3GEYG471 ERJ3GEYJ104 ERDS2TJ332 VEP20804A	M.RESISTOR CH 1/16W 15K M.RESISTOR CH 1/16W 5.6K M.RESISTOR CH 1/16W 56K M.RESISTOR CH 1/16W 470 M.RESISTOR CH 1/16W 100K C.RESISTOR 1/4W 3.3K INT CONNECT P.C.BOARD E.CAPACITOR 10V 1500P	1 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
R4 R6 R7 R8 R9,10 R11	ERJ3GEYJ153 ERJ3GEYJ562 ERJ3GEYJ563 ERJ3GEYG471 ERJ3GEYJ104 ERDS2TJ332 VEP20804A EEUFC1A152 VJP4064Q160	M.RESISTOR CH 1/16W 15K M.RESISTOR CH 1/16W 5.6K M.RESISTOR CH 1/16W 56K M.RESISTOR CH 1/16W 470 M.RESISTOR CH 1/16W 100K C.RESISTOR T 1/16W 3.3K INT CONNECT P.C.BOARD E.CAPACITOR 10V 1500P CONNECTOR (MALE)	1 1 1 1 1 1 2 2 1 1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
■ E36	VEP83462D	VIDEO MAIN P.C.BOARD	1	(RTL)
	VEP81225A	VIDEO MAIN SUB P.C.BOARD	1	(RTL) FOR VEP83462D
C1-C6	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	6	
C8 C10-17	ECUX1E104ZFV ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.1U	8	
C20	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C21	F1L1C1060020	C.CAPACITOR CH 16V 10U	1	
C22	F1K0J1060002	C.CAPACITOR CH6.3V 10U C.CAPACITOR CH 50V 22P	1	
C30 C70,71	ECUX1H220JCV ECUX1C104KBV	C.CAPACITOR CH 50V 22P C.CAPACITOR CH 16V 0.1U	2	
C74-79	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	6	
C80	F1L0J2260002	C.CAPACITOR CH6.3V 22U	1	
C81	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C82 C83	ECUX1C104KBV ECUX1H103KBV	C.CAPACITOR CH 16V 0.1U C.CAPACITOR CH 50V 0.01U	1	
C84	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
C85	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C89,90	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	2	
C91	ECUX1H010CCV	C.CAPACITOR CH 50V 1P	1	
C92,93 C94	ECUX1C104KBV ECUX1H010CCV	C.CAPACITOR CH 16V 0.1U C.CAPACITOR CH 50V 1P	1	
C99	ECUX1H030CCV	C.CAPACITOR CH 50V 3P	1	
C100,01	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	2	
C102	F1K0J1060002	C.CAPACITOR CH6.3V 10U	1	
C103	ECUX1H010CCV	C.CAPACITOR CH 50V 1P	1	
C104 C105	F1K0J1060002 ECUX1H101JCV	C.CAPACITOR CH6.3V 10U C.CAPACITOR CH 50V 100P	1	
C107-10	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	4	
C150-65	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	16	
C166	ECUX1H220JCV	C.CAPACITOR CH 50V 22P	1	
C170,71	ECUM1C105ZFN		2	
C172 C173	ECUX1E104ZFV ECUX1H103KBV	C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 50V 0.01U	1	
C174-76	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C177	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C178-81	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	4	
C182 C183	ECUM1H102KBN ECUX1E104ZFV	C.CAPACITOR CH 50V 1000P C.CAPACITOR CH 25V 0.1U	1	
C190	ECUX1H220JCV	C.CAPACITOR CH 25V 0.10	1	
C200-07	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	8	
C250-57	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	8	
C260,61		C.CAPACITOR CH 50V 22P	2	
C321-29 C330	ECUX1E104ZFV ECUX1H220JCV	C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 50V 22P	9	
C350-61	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	12	
C363-71	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	9	
C400	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C401 C403	F1K0J1060002 ECST1AC476R	C.CAPACITOR CH6.3V 10U T.CAPACITOR CH 10V 47U	1	
C403		C.CAPACITOR CH 10V 470	1	
C405	ECST1AC476R	T.CAPACITOR CH 10V 47U	1	
C406	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C407	ECUX1H120JCV VCK0150	C.CAPACITOR CH 50V 12P C.CAPACITOR	1	
C408 C409		C.CAPACITOR CH 50V 18P	1	
C411	ECUX1H152KBV		1	
C412	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C413	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C450-55 C457,58	ECUX1E104ZFV ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.1U	6	
C457,58 C460,61	ECUX1E104ZFV ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C465,66	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C467	ECUX1H330JCV	C.CAPACITOR CH 50V 33P	1	
C470,71	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
	F1L0J2260002	C.CAPACITOR CH6.3V 22U	1	
C500			1	
C500 C502	F1L0J2260002 F1K0J1060002	C.CAPACITOR CH6.3V 22U C.CAPACITOR CH6.3V 10U	1	
	F1L0J2260002	C.CAPACITOR CH6.3V 22U		

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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C509-11	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C514	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C516-20	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	5	
C550	ECUX1H330JCV	C.CAPACITOR CH 50V 33P	1	
C551	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C552,53	ECUX1H102KBV	C.CAPACITOR CH 50V 1000P	2	F1H1H102A009
C554		C.CAPACITOR CH 16V 0.22U	1	
C555	ECUX1A105KBN	C.CAPACITOR CH 10V 1U	1	
C556	ECST1AY475	T.CAPACITOR CH 10V 4.7U	1	
C557		C.CAPACITOR CH 16V 0.22U	1	
C558,59	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C560		C.CAPACITOR CH 16V 0.22U	1	
C561	ECST1AY475	T.CAPACITOR CH 10V 4.7U	1	
C563	VCEA1DSP680	E.CAPACITOR 20V 68U	1	
C564,65	ECUX1H102JCV	C.CAPACITOR CH 50V 1000P	2	
C566	VCEA0JSP151	E.CAPACITOR 6.3V 150U	1	
C567	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
C568	VCEA0GSP331	E.CAPACITOR 4V 330U	1	
C569,70	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C572,73	ECST1AY106Z	T.CAPACITOR CH 10V 10U	2	
C574,75	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C581-83	F1K1C475A043	C.CAPACITOR CH 16V 4.7U	3	
			1	
D1	MA142K	DIODE	1	
D1 02	SFPB-76V	DIODE	1	FOR VEP81225A
D150	MA153	DIODE	1	MA3X153
D550	MA142WK	DIODE	1	
D552,53	MA8036-MH	DIODE	2	
			<u> </u>	
FL500	VLF1016A223	FILTER	1	
FL502,03	VLF1016A223	FILTER	2	
			<u> </u>	
IC1	DS90CR288MTD	IC	1	
IC2	C1AB00001228	IC	1	
IC3	UPD65943G050	IC	1	
IC4	TLCX08F	IC	1	
IC8	TLCX08F	IC	1	
IC11	XC62FP3502P	IC	1	
IC70,71	CXD2315Q	IC	2	C0FBBF000006
IC73,74	AD8055AR	IC	2	
IC76	AD8014AR	IC	1	
IC77	TLCX16244A	IC	1	
IC78	TLCX245FT	IC	1	
IC80	TC7W125FU	IC	1	
IC150	D4564163A10B	IC	1	
IC151	MB87J1460	IC	1	
IC152	D4564163A10B	IC	1	
IC153	TC7W125FU	IC	1	
IC154	NJM082BM	IC	1	C0ABEB000017
IC200	MN673797A	IC	1	
IC250	MN673797A	IC	1	
IC321	EPM7256AE141	IC	1	
IC350	D4564163A10B	IC	1	
IC351	MN7F008B4C	IC	1	
IC400	XC62FP3202P	IC	1	
IC401	UPC2384GA	IC	1	
IC450,51	TC7SH08FU	IC	2	
IC452	TLCX08F	IC	1	
IC453	TLCX157F	IC	1	
IC455	PLL1700E	IC	1	
IC456	TC7SH08FU	IC	1	
IC457	TVHC157FT	IC	1	
IC458	TC7SH08FU	IC	1	
IC459,60	TVHC125FT	IC	2	
IC465	TC7W241FU	IC	1	
IC470	CSP5925Q	IC	1	
IC471	TC7SH32FU	IC	1	
IC550	LTC1628IG	IC	1	
IC551	NJM2904V	IC	1	
ID004	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	COETMARE	+-	
ID321	VVVSI3691A	SOFTWARE	1	
14	IO II/COCCCCC	EII TED	 	FOR VERMANS
L1	J0JKC0000009	FILTER	+	FOR VEP81225A
L2-L4	VLF1147A680	FILTER	3	
L6	VLF1147A680	FILTER	1	
	1		1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
L8	VLP0155	COIL	1	
L70	VLQ0319K101	COIL 100UH		G1C101K00022
L150	VLF1147A121	FILTER	1	
L151	VLP0155	COIL	1	
L320,21	VLF1147A241	FILTER	2	0400001/00007
L400	VLQ0464K6R8	COIL 6.8UH	1	G1C6R8K00007
L401	VLQ0319K101	COIL 100UH	1	G1C101K00022
L402	ELJNA1R8JF	COIL 1.8UH	1	
L450,51	VLP0155	COIL	2	
L453	VLF1147A121	FILTER	1	
L454,55	VLP0155 VLP0155	COIL	1	
L457 L458-60	VLF1147A241	FILTER	3	
L463,64	VLP0155	COIL	2	
L465-69	VLF1147A241	FILTER	5	
L470	VLF1147A241	FILTER	1	
L471	VLP0155	COIL	1	
L472	VLF1147A121	FILTER	1	
L504	VLF1151A132	COIL	1	
L550	VLQ0916N2R5	COIL 2.5UH	1	
L550	VLQ0910N2N3 VLQ0650M270	COIL 27UH	1	
L552	VLQ0916N5R3	COIL 5.3UH	+ 1	
	. 2400 1014010	0.0011	+-	
P1	VJP4395D015	CONNECTOR (MALE)	1	
P70	VJP4064K100B	CONNECTOR (MALE)	1	
P71	VJP4395D002	CONNECTOR (MALE)	1	
P320	VJP3125B008	CONNECTOR (MALE)	1	
P500	VJP3978C100C	CONNECTOR (MALE)	1	
P501	VJP3810E120	CONNECTOR (MALE)	1	
P502	VJS3801B050	CONNECTOR (FEMALE)	1	
P503	VJP4395D015	CONNECTOR (MALE)	1	
			+	
Q1	TM3115	TRANSISTOR	1	B1DFGD000010 FOR VEP81225A
Q550	TM3115	TRANSISTOR	1	B1DFGD000010
Q552	2SB956-R	TRANSISTOR	1	
Q553	2SD1816-T	TRANSISTOR	1	
Q554	HAT1033T	TRANSISTOR	1	
Q555	HAT2042T	TRANSISTOR	1	
Q556	HAT1033T	TRANSISTOR	1	
QR550	UN5211	TRANSISTOR-RESISTOR	1	
QR552	UN5111	TRANSISTOR-RESISTOR	1	
R1	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R2	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R7	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R8	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R9-12	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	4	
R13	ERJ3GEYJ331	M.RESISTOR CH 1/16W 330	1	
R14,15	EXB24V473J	COMBI.R-R 47K	2	
R16	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R18	EXB24V473J	COMBI.R-R 47K	1	
R19-21	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	3	
R24	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R25	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R26	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R76	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R77	EXB24V473J	COMBI.R-R 47K	1	
R79,80	ERJ3RBD272	M.RESISTOR CH 1/16W 2.7K	2	
R81	ERJ3RBD201	M.RESISTOR CH 1/16W 200	1	
R82	ERJ6RED564	M.RESISTOR CH 1/10W 560K	1	
R83	ERJ3RBD201	M.RESISTOR CH 1/16W 200	1	
R84	ERJ6RED564	M.RESISTOR CH 1/10W 560K	1	
R85	ERJ3RBD303	M.RESISTOR CH 1/16W 30K	1	
R86	ERJ3RBD182	M.RESISTOR CH 1/16W 1.8K	1	
R87	ERJ3RBD303	M.RESISTOR CH 1/16W 30K	1	
R88	ERJ3RBD472	M.RESISTOR CH 1/16W 4.7K	1	
R89,90	ERJ3RBD153	M.RESISTOR CH 1/16W 15K	2	
R94	ERJ3RBD272	M.RESISTOR CH 1/16W 2.7K	1	
R97,98	ERJ3RBD223	M.RESISTOR CH 1/16W 22K	2	
R99	ERJ3RBD222	M.RESISTOR CH 1/16W 2.2K	1	
R100	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R101	ERJ3RBD123	M.RESISTOR CH 1/16W 12K	1	
R102	ERJ3RBD333	M.RESISTOR CH 1/16W 33K	1	
R103	ERJ3RBD562	M.RESISTOR CH 1/16W 5.6K	1	

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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R104,05	ERJ3RBD222	M.RESISTOR CH 1/16W 2.2K	2	
R114	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R116	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R118,19	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	2	
R120	ERJ3RBD563	M.RESISTOR CH 1/16W 56K	1	
R122	ERJ3GEYJ680	M.RESISTOR CH 1/16W 68	1	
R125	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R128	ERJ3GEYJ181	M.RESISTOR CH 1/16W 180	1	
R130,31	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	2	
R150-61	EXB24V473J	COMBI.R-R 47K	12	
R162-64	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	3	
R165,66	EXB24V473J	COMBI.R-R 47K	2	
R168.69	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	2	
R170,71	EXB24V473J	COMBI.R-R 47K	2	
R172	ERJ3GEYJ181	M.RESISTOR CH 1/16W 180	1	
R173	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R174	ERJ3GEYG471	M.RESISTOR CH 1/16W 470	1	
			<u></u>	
R175	ERJ3GEY0R00		4	
R176-79	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K		
R180	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	1	
R181	EXB24V473J	COMBI.R-R 47K	1	
R182	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	1	
R183,84	EXB24V101J	COMBI.R-R 100	2	
R185,86	ERJ3GEYJ181	M.RESISTOR CH 1/16W 180	2	
R187	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	. 1	
R200	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R201	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R203	EXB24V473J	COMBI.R-R 47K	1	
R204	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R209-14	EXB24V473J	COMBI.R-R 47K	6	
R217	EXB24V473J	COMBI.R-R 47K	1	
R220-22	EXB24V473J	COMBI.R-R 47K	3	
R223	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R228	EXB24V473J	COMBI.R-R 47K	1	
R229	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R230-33	EXB24V103J	COMBI.R-R 10K	4	
R250	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R255-59	EXB24V473J	COMBI.R-R 47K	- 5	
R261	EXB24V473J	COMBI.R-R 47K	1	
R264	EXB24V473J	COMBI.R-R 47K	1	
R266-68	EXB24V473J	COMBI.R-R 47K	3	
R273	EXB24V473J	COMBI.R-R 47K	1	
R274,75	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	2	
R276-79	EXB24V103J	COMBI.R-R 10K	4	
R320	EXB24V473J	COMBI.R-R 47K	1	
R323,24	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R328-31	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	4	
R332	EXB24V473J	COMBI.R-R 47K	1	
R337	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R340,41	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R358	EXB24V473J	COMBI.R-R 47K	1	
R359	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R360	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R361	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R362	EXB24V332J	COMBI.R-R 3.3K	1	
R365	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R366	EXB24V100J	COMBI.R-R 10	1	
R368,69	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	2	
R371,72	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	2	
R371,72	EXB24V473J	COMBI.R-R 47K	1	
R380	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
			1	
R382	ERJ3GEYJ220		<u></u>	
R383	ERJ3GEYJ331	M.RESISTOR CH 1/16W 330	1	
R385	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R400	ERJ3GEYJ221	M.RESISTOR CH 1/16W 220	1	
R401	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R402,03	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	2	
R404	ERJ3GEYJ333	M.RESISTOR CH 1/16W 33K	1	
R405	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R406	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R450	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R451	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R458	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R460	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R463-65	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	3	
			1	
	1			

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R466	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	1	
R467,68	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	2	
R481	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
R491	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R500	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R501-03	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	3	
R505	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R508	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R509	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R511	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R550	ERJ3RBD203	M.RESISTOR CH 1/16W 20K	1	
R553	ERJ3GEYJ153	M.RESISTOR CH 1/16W 15K	1	
R554	ERJ3RBD243	M.RESISTOR CH 1/16W 24K	1	
R555	ERJ3GEYJ202	M.RESISTOR CH 1/16W 2K	1	
R557	ERJ3RBD752	M.RESISTOR CH 1/16W 7.5K	1	
R558	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R559	ERJ3RBD752	M.RESISTOR CH 1/16W 7.5K	1	
R560	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R561	ERJ3RBD392	M.RESISTOR CH 1/16W 3.9K	1	
R562	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R563	ERJ6GEYJ100	M.RESISTOR CH 1/10W 10	1	
R564,65	ERJ3RBD152	M.RESISTOR CH 1/16W 1.5K	2	
R566,67	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R568	VRE0221H33M	M.RESISTOR	1	
R569,70	ERJ3RBD152	M.RESISTOR CH 1/16W 1.5K	2	
R571,72	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	2	
R573	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R574	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
R575	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R576,77	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	2	
R578	ERJ3GEYJ222	M.RESISTOR CH 1/16W 100K	1	
R585	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
	=1/=+011			
TG500,01	EYF6CU	TEST POINT	2	
TP72	EYF6CU	TEST POINT	1	
TP201,02	EYF6CU	TEST POINT	2	
TP320	EYF6CU	TEST POINT	1	
X150	VSX1084	CRYSTAL OSCILLATOR	1	
		MISCELLANEOUS		
	VMX3059	SPACER	1	
	XYN26+K5	SCREW	5	
	VMS5504	POST	5	
■ E37	VEP83460B	HD SDI TX P.C.BOARD	1	(RTL)
■ E37	VEP83460B	HD SDI TX P.C.BOARD	1	(RTL)
■ E37	VEP83460B	HD SDI TX P.C.BOARD	1	(RTL)
E37	VEP83460B ECUX1E104KBN	HD SDI TX P.C.BOARD C.CAPACITOR CH 25V 0.1U	1	(RTL)
				(RTL)
C1	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	1	(RTL)
C1 C2	ECUX1E104KBN ECST0JC686	C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH6.3V 68U	1	(RTL)
C1 C2 C3	ECUX1E104KBN ECST0JC686 ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH6.3V 68U C.CAPACITOR CH 25V 0.1U	1 1	(RTL)
C1 C2 C3 C4	ECUX1E104KBN ECST0JC686 ECUX1E104KBN ECST0JC686	C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH6.3V 68U C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH6.3V 68U	1 1 1 1	(RTL)
C1 C2 C3 C4 C5	ECUX1E104KBN ECST0JC686 ECUX1E104KBN ECST0JC686 ECST1CC336Z	C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH6.3V 68U C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH6.3V 68U T.CAPACITOR CH 16V 33U	1 1 1 1	(RTL)
C1 C2 C3 C4 C5	ECUX1E104KBN ECST0JC686 ECUX1E104KBN ECST0JC686 ECST1CC336Z ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH6.3V 68U C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH6.3V 68U T.CAPACITOR CH 16V 33U C.CAPACITOR CH 25V 0.1U	1 1 1 1 1	(RTL)
C1 C2 C3 C4 C5 C6 C7 C8-16	ECUX1E104KBN ECST0JC686 ECUX1E104KBN ECST0JC686 ECST1CC336Z ECUX1E104KBN ECST1CC336Z ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH6.3V 68U C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH6.3V 68U T.CAPACITOR CH 16V 33U C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 16V 33U C.CAPACITOR CH 16V 33U C.CAPACITOR CH 16V 33U C.CAPACITOR CH 25V 0.1U	1 1 1 1 1 1	(RTL)
C1 C2 C3 C4 C5 C6 C7 C8-16 C17,18	ECUX1E104KBN ECST0JC686 ECUX1E104KBN ECST0JC686 ECST1CC336Z ECUX1E104KBN ECST1CC336Z ECUX1E104KBN ECST1CC336Z	C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH6.3V 68U C.CAPACITOR CH6.3V 68U T.CAPACITOR CH6.3V 68U T.CAPACITOR CH 16V 33U C.CAPACITOR CH 16V 33U T.CAPACITOR CH 16V 33U C.CAPACITOR CH 16V 33U C.CAPACITOR CH 16V 30U C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 50V 1000P	1 1 1 1 1 1 1 1 9	(RTL)
C1 C2 C3 C4 C5 C6 C7 C8-16 C17,18 C19,20	ECUX1E104KBN ECST0JC686 ECUX1E104KBN ECST0JC686 ECST1CC336Z ECUX1E104KBN ECST1CC336Z ECUX1E104KBN ECST1CC346Z ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH6.3V 68U C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 3V 68U T.CAPACITOR CH 16V 33U C.CAPACITOR CH 16V 33U T.CAPACITOR CH 16V 33U C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 50V 1000P C.CAPACITOR CH 25V 0.1U	1 1 1 1 1 1 1 1 9 2	(RTL)
C1 C2 C3 C4 C5 C6 C7 C8-16 C17,18 C19,20 C21	ECUX1E104KBN ECST0JC686 ECUX1E104KBN ECST0JC686 ECST1CC336Z ECUX1E104KBN ECST1CC336Z ECUX1E104KBN ECUX1H102JV ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH6.3V 68U C.CAPACITOR CH6.3V 68U T.CAPACITOR CH6.3V 68U T.CAPACITOR CH 16V 33U C.CAPACITOR CH 16V 33U T.CAPACITOR CH 16V 33U C.CAPACITOR CH 16V 30U C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 50V 1000P C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 50V 1000P	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	(RTL)
C1 C2 C3 C4 C5 C6 C7 C8-16 C17,18 C19,20 C21 C22	ECUX1E104KBN ECST0JC686 ECUX1E104KBN ECST0JC686 ECST1CC336Z ECUX1E104KBN ECST1CC336Z ECUX1E104KBN ECUX1H102JV ECUX1E104KBN ECUX1H102JV ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH6.3V 68U C.CAPACITOR CH6.3V 68U T.CAPACITOR CH6.3V 68U T.CAPACITOR CH 16V 33U C.CAPACITOR CH 16V 33U C.CAPACITOR CH 16V 33U C.CAPACITOR CH 16V 30U C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 50V 1000P C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 50V 1000P C.CAPACITOR CH 50V 1000P C.CAPACITOR CH 25V 0.1U	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	(RTL)
C1 C2 C3 C4 C5 C6 C7 C8-16 C17,18 C19,20 C21 C22 C23	ECUX1E104KBN ECST0JC686 ECUX1E104KBN ECST0JC686 ECST1CC336Z ECUX1E104KBN ECST1CC336Z ECUX1E104KBN ECUX1H102JV ECUX1E104KBN ECUX1H102JV ECUX1E104KBN ECUX1H102JV	C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH6.3V 68U C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 16V 33U C.CAPACITOR CH 16V 33U C.CAPACITOR CH 16V 33U C.CAPACITOR CH 16V 33U C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 50V 1000P C.CAPACITOR CH 50V 1000P C.CAPACITOR CH 50V 1000P C.CAPACITOR CH 50V 1000P C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.1U	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	(RTL)
C1 C2 C3 C4 C5 C6 C7 C8-16 C17,18 C19,20 C21 C22 C23 C24	ECUX1E104KBN ECST0JC686 ECUX1E104KBN ECST0JC686 ECST1CC336Z ECUX1E104KBN ECST1CC336Z ECUX1E104KBN ECUX1E104KBN ECUX1E104KBN ECUX1H102JV ECUX1E104KBN ECUX1H102JV ECUX1E104KBN ECUX1H102JV	C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH6.3V 68U C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 6.3V 68U T.CAPACITOR CH 16V 33U C.CAPACITOR CH 16V 33U C.CAPACITOR CH 16V 33U C.CAPACITOR CH 16V 33U C.CAPACITOR CH 16V 30U C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 50V 1000P C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 50V 1000P C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 50V 1000P C.CAPACITOR CH 50V 1000P C.CAPACITOR CH 50V 1000P C.CAPACITOR CH 25V 0.1U	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	(RTL)
C1 C2 C3 C4 C5 C6 C7 C8-16 C17,18 C19,20 C21 C22 C23 C24 C25	ECUX1E104KBN ECST0JC686 ECUX1E104KBN ECST0JC686 ECST1CC336Z ECUX1E104KBN ECST1CC336Z ECUX1E104KBN ECST1CC336Z ECUX1E104KBN ECUX1E104KBN ECUX1E104KBN ECUX1H102JV ECUX1E104KBN ECUX1H102JV ECUX1E104KBN ECUX1H102JV ECUX1E104KBN ECUX1H102JV	C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH6.3V 68U C.CAPACITOR CH6.3V 68U T.CAPACITOR CH6.3V 68U T.CAPACITOR CH6.3V 68U T.CAPACITOR CH16V 33U C.CAPACITOR CH 16V 33U C.CAPACITOR CH 16V 33U C.CAPACITOR CH 16V 31U C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 50V 1000P C.CAPACITOR CH 50V 1000P C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 50V 1000P C.CAPACITOR CH 50V 1000P C.CAPACITOR CH 50V 1000P C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 50V 1000P	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	(RTL)
C1 C2 C3 C4 C5 C6 C7 C8-16 C17,18 C19,20 C21 C22 C23 C24 C25 C26	ECUX1E104KBN ECST0JC686 ECUX1E104KBN ECST0JC686 ECST1CC336Z ECUX1E104KBN ECST1CC336Z ECUX1E104KBN ECST1CC336Z ECUX1E104KBN ECUX1E104KBN ECUX1H102JV ECUX1E104KBN ECUX1H102JV ECUX1E104KBN ECUX1H102JV ECUX1E104KBN ECUX1H102JV ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH6.3V 68U C.CAPACITOR CH6.3V 68U T.CAPACITOR CH6.3V 68U T.CAPACITOR CH 16V 33U C.CAPACITOR CH 16V 33U C.CAPACITOR CH 16V 33U C.CAPACITOR CH 16V 30U C.CAPACITOR CH 16V 30U C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 50V 1000P C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 50V 1000P C.CAPACITOR CH 50V 1000P C.CAPACITOR CH 50V 1000P C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 50V 1000P C.CAPACITOR CH 50V 1000P C.CAPACITOR CH 50V 1000P C.CAPACITOR CH 50V 1000P C.CAPACITOR CH 50V 1000P C.CAPACITOR CH 50V 1000P C.CAPACITOR CH 25V 0.1U	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	(RTL)
C1 C2 C3 C4 C5 C6 C7 C8-16 C17,18 C19,20 C21 C22 C23 C24 C25 C26 C27	ECUX1E104KBN ECST0JC686 ECUX1E104KBN ECST0JC686 ECST1CC336Z ECUX1E104KBN ECST1CC336Z ECUX1E104KBN ECST1CC336Z ECUX1E104KBN ECUX1H102JV ECUX1E104KBN ECUX1H102JV ECUX1E104KBN ECUX1H102JV ECUX1E104KBN ECUX1H102JV ECUX1E104KBN ECUX1H102JV ECUX1E104KBN ECUX1H102JV ECUX1E104KBN ECUX1H102JV	C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH6.3V 68U C.CAPACITOR CH6.3V 68U T.CAPACITOR CH6.3V 68U T.CAPACITOR CH6.3V 68U T.CAPACITOR CH 16V 33U C.CAPACITOR CH 16V 33U C.CAPACITOR CH 16V 0.1U T.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 16V 33U	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	(RTL)
C1 C2 C3 C4 C5 C6 C7 C8-16 C17,18 C19,20 C21 C22 C23 C24 C25 C26 C27 C28,29	ECUX1E104KBN ECST0JC686 ECUX1E104KBN ECST0JC686 ECST1CC336Z ECUX1E104KBN ECST1CC336Z ECUX1E104KBN ECUX1E104KBN ECUX1H102JV ECUX1E104KBN ECUX1H102JV ECUX1E104KBN ECUX1H102JV ECUX1E104KBN ECUX1H102JV ECUX1E104KBN ECUX1H102JV ECUX1E104KBN ECUX1H102JV ECUX1E104KBN ECUX1H102JV ECUX1E104KBN ECUX1H102JV ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH6.3V 68U C.CAPACITOR CH6.3V 68U T.CAPACITOR CH6.3V 68U T.CAPACITOR CH6.3V 68U T.CAPACITOR CH 16V 33U C.CAPACITOR CH 16V 33U C.CAPACITOR CH 16V 33U C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 16V 33U T.CAPACITOR CH 16V 33U T.CAPACITOR CH 6.3V 68U	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	(RTL)
C1 C2 C3 C4 C5 C6 C7 C8-16 C17,18 C19,20 C21 C22 C23 C24 C25 C26 C27 C28,29 C30	ECUX1E104KBN ECST0JC686 ECUX1E104KBN ECST0JC686 ECST1CC336Z ECUX1E104KBN ECST1CC336Z ECUX1E104KBN ECUX1E104KBN ECUX1H102JV ECUX1E104KBN ECUX1H102JV ECUX1E104KBN ECUX1H102JV ECUX1E104KBN ECUX1H102JV ECUX1E104KBN ECUX1H102JV ECUX1E104KBN ECUX1H102JV ECUX1E104KBN ECUX1H102JV ECUX1E104KBN ECUX1H102JV ECUX1E104KBN ECUX1H102JV ECUX1E104KBN ECST1CC336Z	C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH6.3V 68U C.CAPACITOR CH6.3V 68U T.CAPACITOR CH6.3V 68U T.CAPACITOR CH6.3V 68U T.CAPACITOR CH 16V 33U C.CAPACITOR CH 16V 33U C.CAPACITOR CH 16V 33U C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 30V 1000P C.CAPACITOR CH 30V 1000P C.CAPACITOR CH 30V 1000P C.CAPACITOR CH 30V 1000P T.CAPACITOR CH 30V 1000P T.CAPACITOR CH 30V 0.1U T.CAPACITOR CH 30V 0.1U T.CAPACITOR CH 30V 0.1U T.CAPACITOR CH 30V 0.1U T.CAPACITOR CH 30V 0.8U T.CAPACITOR CH 30V 0.8U T.CAPACITOR CH 30V 0.8U T.CAPACITOR CH 16V 33U T.CAPACITOR CH 16V 33U	11 11 11 11 11 11 11 11 11 11 11 11 11	(RTL)
C1 C2 C3 C4 C5 C6 C7 C8-16 C17,18 C19,20 C21 C22 C23 C24 C25 C26 C27 C26 C27 C28,29 C30 C31	ECUX1E104KBN ECST0JC686 ECUX1E104KBN ECST0JC686 ECUX1E104KBN ECST1CC336Z ECUX1E104KBN ECST1CC336Z ECUX1E104KBN ECUX1H102JV ECUX1E104KBN ECUX1H102JV ECUX1E104KBN ECUX1H102JV ECUX1E104KBN ECUX1H102JV ECUX1E104KBN ECUX1H102JV ECUX1E104KBN ECUX1H102JV ECUX1E104KBN ECUX1H102JV ECUX1E104KBN ECUX1H102JV ECUX1E104KBN ECST1CC336Z ECST0JC686	C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH6.3V 68U C.CAPACITOR CH6.3V 68U T.CAPACITOR CH6.3V 68U T.CAPACITOR CH 16V 33U C.CAPACITOR CH 16V 33U C.CAPACITOR CH 16V 33U C.CAPACITOR CH 16V 0.1U T.CAPACITOR CH 16V 0.1U T.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.3U T.CAPACITOR CH 25V 0.8U T.CAPACITOR CH 25V 0.8U T.CAPACITOR CH 25V 0.8U T.CAPACITOR CH 25V 0.8U T.CAPACITOR CH 25V 0.8U	11 11 11 11 11 11 11 11 11 11 11 11 11	(RTL)
C1 C2 C3 C4 C5 C6 C7 C8-16 C17,18 C19,20 C21 C22 C23 C24 C25 C26 C27 C28,29 C30	ECUX1E104KBN ECST0JC686 ECUX1E104KBN ECST0JC686 ECST1CC336Z ECUX1E104KBN ECST1CC336Z ECUX1E104KBN ECUX1E104KBN ECUX1H102JV ECUX1E104KBN ECUX1H102JV ECUX1E104KBN ECUX1H102JV ECUX1E104KBN ECUX1H102JV ECUX1E104KBN ECUX1H102JV ECUX1E104KBN ECUX1H102JV ECUX1E104KBN ECUX1H102JV ECUX1E104KBN ECUX1H102JV ECUX1E104KBN ECUX1H102JV ECUX1E104KBN ECST1CC336Z	C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH6.3V 68U C.CAPACITOR CH6.3V 68U T.CAPACITOR CH6.3V 68U T.CAPACITOR CH6.3V 68U T.CAPACITOR CH 16V 33U C.CAPACITOR CH 16V 33U C.CAPACITOR CH 16V 33U C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 30V 1000P C.CAPACITOR CH 30V 1000P C.CAPACITOR CH 30V 1000P C.CAPACITOR CH 30V 1000P T.CAPACITOR CH 30V 1000P T.CAPACITOR CH 30V 0.1U T.CAPACITOR CH 30V 0.1U T.CAPACITOR CH 30V 0.1U T.CAPACITOR CH 30V 0.1U T.CAPACITOR CH 30V 0.8U T.CAPACITOR CH 30V 0.8U T.CAPACITOR CH 30V 0.8U T.CAPACITOR CH 16V 33U T.CAPACITOR CH 16V 33U	11 11 11 11 11 11 11 11 11 11 11 11 11	(RTL)
C1 C2 C3 C4 C5 C6 C7 C8-16 C17,18 C19,20 C21 C22 C23 C24 C25 C26 C27 C26 C27 C28,29 C30 C31	ECUX1E104KBN ECST0JC686 ECUX1E104KBN ECST0JC686 ECUX1E104KBN ECST1CC336Z ECUX1E104KBN ECST1CC336Z ECUX1E104KBN ECUX1H102JV ECUX1E104KBN ECUX1H102JV ECUX1E104KBN ECUX1H102JV ECUX1E104KBN ECUX1H102JV ECUX1E104KBN ECUX1H102JV ECUX1E104KBN ECUX1H102JV ECUX1E104KBN ECUX1H102JV ECUX1E104KBN ECUX1H102JV ECUX1E104KBN ECST1CC336Z ECST0JC686	C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH6.3V 68U C.CAPACITOR CH6.3V 68U T.CAPACITOR CH6.3V 68U T.CAPACITOR CH 16V 33U C.CAPACITOR CH 16V 33U C.CAPACITOR CH 16V 33U C.CAPACITOR CH 16V 0.1U T.CAPACITOR CH 16V 0.1U T.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.1U C.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.1U T.CAPACITOR CH 25V 0.3U T.CAPACITOR CH 25V 0.8U T.CAPACITOR CH 25V 0.8U T.CAPACITOR CH 25V 0.8U T.CAPACITOR CH 25V 0.8U T.CAPACITOR CH 25V 0.8U	11 11 11 11 11 11 11 11 11 11 11 11 11	(RTL)

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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C80-84	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	5	
C85	ECST0JC686	T.CAPACITOR CH6.3V 68U	1	
C86-88	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	3	
C101-03	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	3	
C104	ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	1	
C105	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
			2	
C106,07	ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U		
C108	ECST1CC336Z	T.CAPACITOR CH 16V 33U	1	
C109-13	ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	5	
C114	ECST0JC686	T.CAPACITOR CH6.3V 68U	1	
C115,16	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	2	
D80	MA142K	DIODE	1	
IC1	C9ZB00000361	IC	1	
IC2	LVTH244APW	IC	1	C0JBBZ000174
IC3	FMM4039XC	IC	1	
IC10	NJM062V	IC	1	
IC13	MC10EL16D	IC	1	C0JBZZ000015
IC14	UPC2726T	IC	1	
1014	01 027201		'	
14 15	V/ID4424	CONNECTOR (MALE)		IVACZDA A DOGGO
J1-J5	VJP4131	CONNECTOR (MALE)		K1QZB1AD0003
J6	VJS4064K100E	CONNECTOR (FEMALE)	1	K1KAA0A00055
			L_	
L1	VLF1151A132	COIL	1	
L2,L3	VLP0183	COIL	2	J0JKC0000007
L4	VLQ0441K4R7	COIL 4.7UH	1	
L10	VLQ07823N3	COIL	1	G1C3N3ZA0001
L101-04	VLQ07821N8	COIL	4	G1C1N8ZA0001
Q1,Q2	2SC5185	TRANSISTOR	2	
Q3-Q5	2SC5012	TRANSISTOR	3	
Q6,Q7	2SC5185	TRANSISTOR	2	
40,47	2303103	TRANSISTOR		
D1 45	ED IOOEV IOO	M DECICION CLI 4 (COM. CO.	45	
R1-45	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	45	
R46-50	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	5	
R51-57	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	7	
R58	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R60	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R61	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R63-65	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	3	
R66,67	ERJ3GEYJ510	M.RESISTOR CH 1/16W 51	2	
R68	ERJ3GEYJ151	M.RESISTOR CH 1/16W 150	1	
R70	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R71	ERJ3GEYG471	M.RESISTOR CH 1/16W 470	1	
R80	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R81	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
R82,83	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	2	
R84	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R85,86	ERJ3GEYJ510	M.RESISTOR CH 1/16W 51	2	
R87	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
R88	ERJ3GEYJ331	M.RESISTOR CH 1/16W 330	1	
R89	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R91	ERJ3GEYJ221	M.RESISTOR CH 1/16W 220	1	
R101,02	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	2	
R103,04	ERJ3GEYJ330	M.RESISTOR CH 1/16W 33	2	
R105,06	ERJ3GEYJ221	M.RESISTOR CH 1/16W 220	2	
R107	ERJ3GEYJ150	M.RESISTOR CH 1/16W 15	1	
R108	ERJ3GEYJ820	M.RESISTOR CH 1/16W 82	1	
R109	ERJ3GEYJ150	M.RESISTOR CH 1/16W 15	1	
		M.RESISTOR CH 1/16W 15 M.RESISTOR CH 1/16W 82	1	
R110	ERJ3GEYJ820			
R111	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	1	
R112,13	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	2	
R114	ERJ3GEYJ390	M.RESISTOR CH 1/16W 39	1	
R115	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	1	
R116	ERJ3RED240	M.RESISTOR CH 1/16W 24	1	
R117	ERJ3RBD331	M.RESISTOR CH 1/16W 330	1	
R118,19	ERJ3RED620	M.RESISTOR CH 1/16W 62	2	
R120	ERJ3RED240	M.RESISTOR CH 1/16W 24	1	
R121	ERJ3RBD331	M.RESISTOR CH 1/16W 330	1	
R122	ERJ6RED270	M.RESISTOR CH 1/10W 27	1	
R123	ERJ3GEYJ330	M.RESISTOR CH 1/16W 33	1	
R124	ERJ6RED270	M.RESISTOR CH 1/10W 33	1	
R125	ERJ3GEYJ150	M.RESISTOR CH 1/16W 15	1	
R126	ERJ3GEYJ820	M.RESISTOR CH 1/16W 82	1	
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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R127	ERJ3GEYJ150	M.RESISTOR CH 1/16W 15	. 1	
R128	ERJ3GEYJ820	M.RESISTOR CH 1/16W 82	1	
R129	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	1	
R130	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R131	ERJ3GEYJ390	M.RESISTOR CH 1/16W 39	1	
R132	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R133	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	1	
R134	ERJ3RED240	M.RESISTOR CH 1/16W 24	1	
R135	ERJ3RBD331	M.RESISTOR CH 1/16W 330	1	
R136,37	ERJ3RED620	M.RESISTOR CH 1/16W 62	2	
R138	ERJ3RED240	M.RESISTOR CH 1/16W 24	1	
R139	ERJ3RBD331	M.RESISTOR CH 1/16W 330	1	
R141	ERJ6RBD751	M.RESISTOR CH 1/10W 750	1	
R142	ERJ6RBD151	M.RESISTOR CH 1/10W 150	1	
R143	ERJ3GEYJ330	M.RESISTOR CH 1/16W 33	1	
R144	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
				D0VD400 IA 007
R145	VRE006610102	M.RESISTOR CH 1/10W 1K		D0YD102JA007
R146,47	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R150-53	ERJ3RED150	M.RESISTOR CH 1/16W 15	4	
R155	ERJ6GEYJ3R3	M.RESISTOR CH 1/10W 3.3	1	
TP9	EYF6CU	TEST POINT	1	
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VR2	VRV0303B202A	V.RESISTOR 2K	1	D3EC3202A002
X1	VSX1057	CRYSTAL OSCILLATOR	1	H4G1487B0001
E38	VEP80A74A	BACK TALLY P.C.BOARD	1	(RTL)
D1	TLRA116	DIODE	1	
	TERATIO	DIODE		
SW1	VST0131	SWITCH	1	K0E122A00016
		MISCELLANEOUS		
	VEE9418	CABLE	1	
	VMX2126	LED SPACER	1	
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			-	
■ E39	VEP80B73A	SIDE BNC P.C.BOARD	1	(RTL)
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R1-R3	EB I3GEVOROS	M RESISTOR CH 1/16/M	-	
1/1-1/3	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	3	
	ļ			
		MISCELLANEOUS		
	VEE0L71	SIDE (2) CABLE	1	
			+	
			-	
	 		+	
				(DTI)
■ E40	VEP80B74A	SDI BNC P.C.BOARD	2	(RTL)
	<u> </u>			
P202	VJP4131	CONNECTOR (MALE)	1	K1QZB1AD0003
R201	VLF1315A102	FILTER	1	J0JHC0000015
			1	
	————	MISCELLANEOUS	+	
			+	
	L			
		SDI CABLE	1	
	VEE0L72			
	VEE0L72			
	VEE0L72		-	
	VEE0L72			
	VEE0L72			
	VEE0L72			
	VEEOL72			
	VEE0L/2			

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
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